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TWENTY-FOURTH

ANNUAL CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

CARTHAGE COLLEGE

CARTHAGE, ILLINOIS.

COLLEGIATE YEAR 1895-'96.

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DAVIDSON PRINTING HOUSE.
1896.

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Assistant in Ancient Languages and History.

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Assistant in the Normal Department.

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Teacher of Bookkeeping.

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Teacher of Shorthand and Typewriting.

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Teacher of Art.

MISS LAURA A. MANIER, A. M.,
Teacher of Vocal and Instrumental Music.

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Librarian.

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Janitor.

STUDENTS.

COLLEGE.

SENIOR CLASS.

NAME.	*COURSE.*	*RESIDENCE.*
Effie Jane Cromer,	Scientific,	Irving
Mary Isabel Felgar,	Scientific,	West Point
Leona May McAnulty,	Scientific,	Carthage
John Addison McCulloch,	Classical,	Freeport
Matie Henrietta Schlenker,	Literary,	Carthage

JUNIOR CLASS.

Matthew Mourning Anderson,	Literary,	Hamilton
Martha Golden Davidson,	Scientific,	Carthage
Homer Edwin Garvin,	Scientific,	Carthage
Ethlyn Head Griffith,	Scientific,	Carthage
Frederick Jasper,	Literary,	Newton, Ia.
Charles Clinton Lawton,	Scientific,	Carthage
Alice Marvel,	Scientific,	Bowen
Mary Coyle Noyes,	Scientific,	Carthage
Samuel Robbins,	Classical,	Carthage

SOPHOMORE CLASS.

Elsie May Barton,	Classical,	Carthage
George Castle Barton,	Scientific,	Carthage
Bert Van Meter Bolles,	Scientific,	Springfield
Mary Bertha Hyde,	Classical,	Carthage
Claudius Knudten,	Classical,	Breklum, Germany
Mabel Hope Martinis,	Scientific,	Middlebury, Ind.
Lydia Helen Schlenker,	Literary,	Carthage
Charles Jay Tressler,	Classical,	Carthage

FRESHMAN CLASS.

Royal Brown Brandon,	Scientific,	Fountain Green
Robert David Campbell,	Scientific,	Vermont
Charles Colton Carleton,	Scientific,	Carthage
George Victor Helfrich,	Scientific,	Carthage
Hattie Ottillia Helfrich,	Scientific,	Carthage
John Miller Herbst,	Classical,	Carthage
Theodore Johannes Jensen,	Classical,	Breklum, Germany
Bertha Lane,	Scientific,	Carthage
Edwin F. Lied,	Scientific,	Carthage
Leonard Delmore McClure,	Scientific,	Carthage
Frederick William Obert,	Scientific,	Ernest, Mo.
Ira Jefferson O'Harra,	Literary,	Bentley
Herbert Spencer Salisbury,	Scientific,	Burnside
George Edmunds Sanford,	Scientific,	Carthage
Calvin Williams Simmons,	Scientific,	Fountain Green
Morgan Lewis Webb,	Scientific,	Nauvoo
Matilda Wendt,	Scientific,	Newton, Ia.

SPECIAL STUDENT.

George Adolph Shulz,	English,	Berlin, Germany

ACADEMIC.

SENIOR YEAR.

Badger, Roy M.	Springfield
Brandon, Robert G.	Fountain Green
Bolender, S. A.	Orangeville
Cramer, D. H.	Gettysburg, Pa.
Ferris, Harold G.	Carthage
Ferris, Hiram G.	Fountain Green
Garnett, Grace A.	St. Marys
Gibson, J. F.	Burnside
Goodrich, Emma	Carthage
Hyde, William E.	Carthage
James, Eula	Bentley
Law, Archie R.	Fountain Green
Linn, Julia Harrington	Carthage
Naylor, Samuel Jr.,	Carthage
O'Brien, Homer	Denver
Ruddell, Mabel	Elvaston
Ruddell, Lottie	Elvaston
Webber, Charles A.	Ferris
Webber, Frank J.	Ferris

MIDDLE AND JUNIOR YEARS.

Anderson, Clyde H.	Hamilton
Baker, Bessie S.	Carthage
Barker, Nellie C.	Carthage
Carlisle, Samuel S.	Adrian
Casburn, Floyd N.	Ferris
Ferster, Luther A.	Macomb
Fraser, John H.	Shipman
Graff, Etta L.	Pontoosuc

Hanson, Charles - - - - Davenport, Iowa
Harter, Harman T. - - - - - - Denver
Harter, F. M. - - - - - - - Denver
Helfrich, Ida J. - - - - - - Carthage
Jones, Charles A. - - - - - - Carthage
Kelley, Homer - - - - - - Carthage
Matthis, Ben L. - - - - - - Pearl City
Morley, Samuel J. - - - - - - Lima
Ringheim, Charles H. - - - - - Nevada, Ia.
Rohrbough, G. W. - - - - - - Elvaston
Ruthrauff, William H. - - - - - Carthage
Utesch, John Henry - - - . - Yutan, Nebraska
Williams, Mae - - - - - - Camden

NORMAL AND COMMERCIAL.

Alton, Maude - - - - - Fountain Green
Anguish, Maude - - - - - - Adrian
Bellew, Henry - - - - - - Adrian
Booz, Jewel - - - - - - - Carthage
Burner, Maude - - - - - - Bentley
Corrneny, Susie Emmeline - - - - - Liberty
Camp, Blanche - - - - - - Carthage
Curry, Mary B. - - - - - - Webster
Cutler, Clyde - - - - - - Carthage
Cutler, Gage - - - - - - - Carthage
Cutler, George C. - - - - - Carthage
Dalrymple, Clyde H. - - - - - Adrian
Erb, Olivia - - - - - Fairview

Fleming, G. K.	Denver
Fleming, Vergil	Denver
Galloway, Etta	Carthage
Heitman, J. H.	Yount, Mo.
Helms, J. H.	Carthage
Hendricks, F. H.	Cairo
Harper, Lillian Blanche	Carthage
Harter, G. A.	Rockford
Jackson, Ida	Carthage
Johnson, Minnie	Ferris
Kirkendall, Laura	Sutter
Lambert, Annie	Adrian
Lemaire, Amy A.	Basco
Lindstrom, Nellie	Galva
Milby, Ollie	Carthage
McCullough, Bert E.	Carthage
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Ranck, Lester	Adrian
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Riel, Lena Elinor	Ferris
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Walton, Ed.	Denver
Ward, Cordelia M.	Burlington, Ia.

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			133
COUNTED TWICE,	- - - -		4
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COLLEGIATE DEPARTMENT.

While the college believes that certain branches of study are essential to the highest intellectual development and the broadest culture of the student, yet it holds that different curricula of studies may be made to serve the great aims and ends of education. It therefore offers three courses, each leading to a degree, viz:

The Classical Course, leading to the degree of Bachelor of Arts.

The Scientific Course, leading to the degree of Bachelor of Sciences.

The Literary Course, leading to the degree of Bachelor of Letters.

The number of credits required for the completion of these courses is the same in each.

CLASSICAL COURSE.

This course places special emphasis upon the study of the language, literature and history of the Greeks and Romans. It includes full work in the English language, in Philosophy, and History, as well as one year of Science, and Mathematics up to and including Trigonometry. Provision is made in the Junior and Senior years whereby the student may elect work in the Sciences, Mathematics and Modern Languages which is not offered in the requirements in this course. The Classical Course leads by the most approved means to the most perfect discipline of the mental powers, and all those who are looking forward to entering any of the learned professions, and especially those intending to enter the Christian ministry, are earnestly advised to pursue this course.

SCIENTIFIC COURSE.

This course emphasizes the study of the Natural Sciences and Mathematics, both with reference to their disciplinary value and their practical importance. Science is a required study throughout the whole course. It includes three years' work in English, full work in Philosophy, much History, and requires two years of German, and one year of French in lieu of the Greek, and the additional Latin

required in the Classical Course. In the Junior and Senior years opportunity is offered for electing further work in the Modern Languages and English.

LITERARY COURSE.

This course emphasizes the study of the Modern Languages and English. Omitting the Classical Languages entirely, it compensates for this by requiring the German and English throughout the entire course and two years of French. All the History and Philosophy, most of the Sciences, and Mathematics throughout the Freshman year, are required in this course. In the Junior and Senior years electives are offered in all the departments in which partial courses have been required *in this course*.

REQUIREMENTS FOR ADMISSION INTO THE FRESHMAN CLASS.

I. LATIN:
- (*a*) Collar and Daniell's Beginners' Latin Book. Latin Grammar, Allen & Greenough, or Harkness.
- (*b*) Cæsar, four Books of Gallic War.
- (*c*) Cicero, four orations against Catiline.
- (*d*) Vergil, Æneid, Books I.–VI., with Prosody.
- (*e*) Prose Composition, the equivalent of the first twenty lessons of Jones' Latin Prose Composition.

II. GREEK:
- (*a*) White's Beginners' Greek Book. Goodwin's Greek Grammar.
- (*b*) Xenophon's Anabasis, four Books.
- (*c*) Prose Composition, the equivalent of the first twenty lessons of Jones' Greek Prose Composition.

III. HISTORY:
- (*a*) United States History, Montgomery's Leading Facts, or its equivalent.
- (*b*) General History, Myers, or equivalent.

IV. MATHEMATICS:
- (*a*) Arithmetic complete.
- (*b*) Algebra, through Quadratics. Wentworth, or equivalent.
- (*c*) Geometry, Plane and Solid complete, with original problems. Wentworth, or equivalent.

V. ENGLISH:

(*a*) English Grammar, Orthography, Composition, Word Analysis.

(*b*) The student will be expected to write an essay on some subject, correct in spelling, punctuation, sentence structure and paragraphing. Familiarity with four or five English Classics is advised for 1896-'97. The subjects for '97-'98 are Longfellow's Evangeline, Tennyson's Lotus-Eaters, Cooper's Pilot, and Dickens' Tale of Two Cities.

VI. SCIENCE:

(*a*) Descriptive and Political Geography.
(*b*) Elementary Zoology.
(*c*) Physiology.
(*d*) Elementary Botany.
(*e*) Elementary Physics, Carhart and Chute.
(*f*) Physical Geography.

Candidates for admission to the Freshman class of the Classical Course are examined in all of the above except III. *b*, V. *b*, and VI. *b*, *c*, *d*. Real equivalents in the work of Ancient Languages will be accepted.

Candidates for admission to the Freshman class of the Scientific Course will be examined in all of the above except II.

Candidates for admission to the Freshman class of the Literary Course will be examined in all of the above except I. and II.

For a complete outline of all the courses in this department, see Academic Department.

Graduates of the Academic Department of Carthage College are admitted to the corresponding courses of the Collegiate Department without examination. Graduates of the Carthage High School and other accredited High Schools and Academies are admitted to the various courses of the college on the same conditions as those from our Academy.

CONDITIONED STUDENTS.

Applicants for admission to the Freshman class, who are deficient in not more than two subjects, may be admitted conditionally, all conditions to be removed by the end of the Freshman year, the stu-

dents meanwhile maintaining good standing in their regular classes. Such conditions must be removed by credits received by taking the subjects with the regular Academic classes.

ADVANCED STANDING.

Candidates for admission to advanced standing must sustain an examination in the studies previously pursued by the class they propose to enter. Under this regulation, students are admitted at any time within the year. Under certain restrictions, credits, *without examination*, are given for work of like grade done in other institutions. In this case the applicant must present a certificate of honorable dismission from the college where these credits were earned.

SPECIAL STUDENTS.

Students who do not desire to pursue a regular course of study may pursue a select course if they are prepared to take the work of the regular classes pursuing those branches. Such students must take the examinations with the regular class, are subject to all the rules and regulations of the college, and are expected to take sufficient work to occupy fully their time.

ELECTIVES.

All the studies of the Freshman and Sophomore years are required in all the courses. In the Junior and Senior years, in addition to the required studies, a liberal list of electives is offered. These electives are restricted in the sense that an election of a certain study at the begining of the year, imposes upon the student the requirement that in the following two terms he pursue certain studies designated by the faculty at the time of the first election. This regulation is intended to prevent the too common abuses of the elective sustem, and is favorable to the student who desires to acquire mastery in any particular line. When the election has been made and the cognate subjects assigned, no deviation can be made from this order except upon the application of the student and by the unanimous consent of the faculty.

SUBSTITUTIONS.

No substitution of elective work for required work, nor of required work in one department for different required work in another department may be made without the approval of the majority of the Faculty, with the concurrence of the Professor in whose department the proposed substitution is to be made.

REQUIREMENTS FOR GRADUATION.

The work covers a period of four years. The number of recitations a week necessary to complete the courses leading to a degree is eighteen for the Freshman and Sophomore classes, seventeen for the Junior class, and fifteen for the Senior class. No student will be recommended for graduation who does not take all the prescribed studies in the course leading to the degree applied for. Nor will any one, without special permission of the Faculty, be permitted to have more recitations than the number assigned to the class of which he is a member.

SYNOPSIS OF COURSES OF STUDY.

The following synopsis exhibits in comparative form the several courses of study. For full description of the departments of instruction, see, "Description of Courses," page 21 and following. In the following tables, the numbers at the right indicate the recitations per week in the respective subjects. Subjects in italics are elective.





VIEW FROM EAST SIDE OF COLLEGE CAMPUS.

SYNOPSIS OF COURSES OF STUDY—FRESHMAN YEAR.

FIRST TERM.

For B. A. Degree.	For B. S. Degree.	For B. L. Degree.
English, Composition, Synonymes..3	English, Composition, Synonymes..3	English Composition, Synonymes...3
Mathematics, Algebra 4	Mathematics, Algebra.....4	Mathematics, Algebra.....4
History, Greek History.....3	History, Greek History 3	History, Greek History 3
Latin, Cicero De Senectute and Latin Prose.....4	Latin, Cicero De Senectute and Latin Prose..... 4	German, Grammar.....4
Greek, Lysias and Greek Prose.....4	Science, Biology.....4	Science, Biology 4

SECOND TERM.

English, Genung's Rhetoric.....3	English, Genung's Rhetoric 3	English, Genung's Rhetoric.....3
Mathematics, Algebra.....4	Mathematics, Algebra 4	Mathematics, Algebra.....4
History, Greek and Roman History.3	History, Greek and Roman History.3	History, Greek and Roman History.3
Latin, Livy, Book I., Sight Reading .4	Latin, Livy, Book I., Sight Reading.4	German, Grammar and Reader.....4
Greek, Iliad, Books I. and II.....4	Science, Comparative Zoology.....4	Science, Comparative Zoology.....4

THIRD TERM.

English, Genung's Rhetoric.....3	English, Genung's Rhetoric.....3	English, Genung's Rhetoric.....3
Mathematics, Plane Trigonometry..4	Mathematics, Plane Trigonometry..4	Mathematics, Plane Trigonometry..4
History, Roman History.....3	History, Roman History.....3	History, Roman History 3
Latin, Livy, Book XXI., Sight Reading 4	Latin, Livy, Book XXI., Sight Reading 4	German, Grammar and Easy Prose 4
Greek, Iliad, Books III.–VI.....4	Science, Botany..... 4	Science, Botany.....4

SYNOPSIS OF COURSES OF STUDY—SOPHOMORE YEAR.

FIRST TERM.

FOR B. A. DEGREE.	FOR B. S. DEGREE.	FOR B. L. DEGREE.
English, Old English.....3	English, Old English.....3	English, Old English.....3
Bible Study, Bible History.....3	Bible Study, Bible History.....3	Bible Study, Bible History.....3
Latin, Odes and Epodes of Horace..4	Mathematics, Spherical Trigonometry.....4	French, Grammar and Reader 4
Greek, Electra of Sophocles.....4	German, Grammar.....4	German, Modern Selections.....4
Science, Chemistry 4	Science, Chemistry 4	Science, Chemistry 4
German, Grammar 4		

SECOND TERM.

English, Chaucer, Spenser 3	English, Chaucer, Spenser.....3	English, Chaucer, Spenser.....3
Bible Study, Bible History.....3	Bible Study, Bible History.....3	Bible Study, Bible History.....3
Latin, Horace, Satires and Epistles.4	Mathematics, Analytical Geometry.4	French, Grammar and Reader 4
Greek, Medea of Euripides.....4	German, Grammar and Reader 4	German, Modern Selections 4
Science, Chemistry 4	Science, Chemistry.....4	Science, Chemistry 4
German, Grammar and Reader 4		

THIRD TERM.

English, Merchant of Venice, The Princess.....3	English, Merchant of Venice, The Princess.....3	English, Merchant of Venice, The Princess.....3
Bible Study, Bible History.....3	Bible Study, Bible History.....3	Bible Study, Bible History.....3
Latin, Quintilian, Book X.....4	Mathematics, Analytical Geometry.4	French, Grammar and Easy Prose.4
Greek, Plato's Apology and Crito...4	German, Grammar and Easy Prose.4	German, Modern Selections..... 4
Science, Physiology.....4	Science, Physiology.....4	Science, Physiology.....4
German, Grammar and Easy Prose.4		

SYNOPSIS OF COURSES OF STUDY—JUNIOR YEAR.

FIRST TERM.

For B. A. Degree.	For B. S. Degree.	For B. L. Degree.
English, English Literature 3	Science, Physics 4	English, English Literature 3
History, Mediæval History.....4	German, Modern Selections.....4	History, Mediæval History.....4
Latin, Juvenal and Persius.....3	French, Grammar and Reader 4	German, Nathan Der Weise 3
Philosophy, Psychology.....4	Philosophy, Psychology 4	French, Modern Selections..... .. 3
Science, Physics 4	*History*, Mediæval History.....4	Philosophy, Psychology 4
Greek, Demosthenes... 3	*Mathematics*, Calculus.....3	*Science*, Physics.. 4
Mathematics, Spherical Trigonometry..... 4	*Bible Study* 2	*Mathematics*, Spherical Trigonometry..... 4
Bible Study 2		*Bible Study* 2

SECOND TERM.

English, English Literature 3	Science, Physics 4	English, English Literature 3
History, Mediæval History 4	German, Modern Selections 4	History, Mediæval History.....4
Latin, Tacitus, Germania and Agricola 4	French, Grammar and Reader 4	German, Goethe's Egmont 3
Philosophy, Psychology 4	Philosophy, Psychology 4	French, Modern Selections 3
Science, Physics..... 4	*History*, Mediæval History..... 4	Philosophy, Psychology 4
Greek, Theocritus..... . 3	*Mathematics*, Calculus. 3	*Science*, Physics..... 4
Mathematics, Analytical Geometry.4	*Bible Study* 2	*Mathematics*, Analytical Geometry.4
Bible Study 2		*Bible Study* 2

THIRD TERM.

English, English Literature 3	Science, Physics 4	English, English Literature 3
History, Modern Europe.....4	German, Modern Selections 4	History, Modern Europe.....4
Latin, Tusculan Disputations 3	French, Grammar and Easy Prose.4	German, Das Niebelungen Lied ... 3
Philosophy, Logic..... 4	Philosophy, Logic..... 4	French, French Lyrics.....3
Science, Physics 4	*History*, Modern Europe..... 4	Philosophy, Logic.....4
Greek, Aristophanes' Clouds 3	*Mathematics*, Calculus.....4	*Science*, Physics 4
Mathematics, Analytical Geometry.4	*Bible Study* 2	*Mathematics*, Analytical Geometry.4
Bible Study 2		*Bible Study* 2

SYNOPSIS OF COURSES OF STUDY—SENIOR YEAR.

FIRST TERM.

FOR B. A. DEGREE.	FOR B. S. DEGREE.	FOR B. L. DEGREE.
English, Masterpieces 2	English, English Literature... 3	English, Masterpieces 2
Philosophy, Ethics..... ...3	Philosophy, Ethics 3	Philosophy, Ethics..... 3
History, of Civilization.....2	Science, Geology 3	*History*, of Civilization.....2
Science, Geology 3	*History*, of Civilization.....2	*Science*, Geology 3
Mathematics, Astronomy.....2	*Mathematics*, Astronomy 2	*Mathematics*, Astronomy 2
Latin, Snetonius 3	*French*, Modern Selections 3	*French*, French Classics 3
Greek, Thucydides 2	*German*, Nathan Der Weise... 3	*German*, Goethe's Faust I.....3
Philosophy, Introduction to Phil...2	*Philosophy*, Introduction to Phil...2	*Philosophy*, Introduction to Phil....2
Hebrew, Beginners' Course.....3	*Hebrew*, Beginners' Course.... 3	*Hebrew*, Beginners' Course.....3

SECOND TERM.

English, Masterpieces 2	English, English Literature 3	English, Masterpieces 2
Evidences, Natural Theology.....3	Evidences, Natural Theology..... 3	Evidences, Natural Theology 3
Political Science, Polit. Economy...3	Political Science, Polit. Economy...3	Political Science, Polit. Economy...3
Science, Geology 3	Science, Geology.....3	*Science*, Geology 3
Mathematics, Astronomy 2	*Mathematics*, Astronomy 2	*Mathematics*, Astronomy.....2
Latin, Tacitus' Histories 3	*French*, Modern Selections 3	*French*, French Classics 3
Greek, New Testament 2	*German*, Goethe's Egmont 3	*German*, Goethe's Faust II.... 3
Philosophy, History of Philosophy..2	*Philosophy*, History of Philosophy..2	*Philosophy*, History of Philosophy..2
Hebrew, Beginners' Course.....3	*Hebrew*, Beginners' Course..... ..3	*Hebrew*, Beginners' Course.....3

THIRD TERM.

English, Masterpieces 2	English, English Literature 3	English, Masterpieces 2
Evidences, Christian Evidences ...3	Evidences, Christian Evidences .. 3	Evidences, Christian Evidences 3
Polit. Science, American Governm't 3	Polit. Science, American Governm't 3	Polit. Science, American Governm't 3
Science, Mineralogy..... 3	*Science*, Mineralogy.....3	*Science*, Mineralogy..... 3
Latin, Lucretius' De Natura Rerum.3	*French*, French Lyrics.....3	*French*, Modern Dramas..... 3
Greek, Justin Martyr 2	*German*, Das Niebelungen Lied....3	*German*, German Literature 3
Philosophy, History of Philosophy..2	*Philosophy*, History of Philosophy..2	*Philosophy*, History of Philosophy..2
Hebrew, Reading of Selections 3	*Hebrew*, Reading of Selections 3	*Hebrew*, Reading of Selections 3

DESCRIPTION OF COURSES.

The following detailed description of courses furnishes a fuller explanation of the preceding synopsis. In most of the departments, the description follows the order of the collegiate years in which the various studies are pursued. Wherever this plan is deviated from the description itself will make sufficiently clear what classes are expected to pursue the branches indicated.

Latin.

The purpose of the instruction in this department is: First, to acquaint the student thoroughly with the principles of the language itself. Second, to give the student a knowledge of the development of the language, of its main literary features, and an acquaintance with the moral and social problems which the Romans endeavored to solve. In the early part of the course the chief writers of the late Republic and early Empire are read. Rapid reviews of forms and syntax are given, and literal translations into English are insisted upon. Auxiliary to these aims, composition based upon the text which is being read is required frequently.

As the student acquires larger familiarity with the language the stylistic and historical elements are brought into prominence, and by reading large portions of their masterpieces a critical examination of the literary characteristics of the various authors is attempted.

FRESHMAN YEAR:

FALL TERM: Cicero, De Senectute is read. The indebtedness of the English language to the Latin is pointed out by constant reference to Cicero's large and varied vocabulary. Latin composition one hour a week.

WINTER TERM: Livy, Book 1. Sight reading is required from Viri Romæ, Nepos, Sallust, Vergil's Æneid VII., or Cicero, Pro Poeta Archia.

SPRING TERM: Livy, Book XXI., and selections from XXII. Sight reading continued. Prose composition from dictated sentences based on the text read. One hour a week is devoted to the study of Roman Literature (Prof. Wilkins' Primer).

Freshman Course, four hours a week, required of classical and scientific students.

SOPHOMORE YEAR:

FALL TERM: Horace, Odes, Books I. and II., and Epodes. Review of Latin Prosody and study of the Horatian Metres. The pupil is required to memorize several odes assigned by the instructor. Kelsey's Sketch of Roman Mythology. Sight reading. Composition from dictation.

WINTER TERM: Horace, Satires and Epistles, selected. Scansion of the entire text read. Sight reading and Composition continued.

SPRING TERM: Quintilian, Institutes, Books X. and XII. The attention of the student is directed to the differences in syntax and diction as exhibited by Quintilian and the authors previously read. Sight reading.

Sophomore Course, four hours a week, required of the classical students.

JUNIOR YEAR:

FALL TERM: Juvenal and Persius. Scansion of the entire text read. Study of the life and manners of the Romans under the early Emperors. Sight reading.

WINTER TERM: Tacitus, Germania and Agricola. Study of the Colonial Policy of Imperial Rome. The characteristics of Tacitus' style.

SPRING TERM: Cicero, Tusculan Disputations. This work will be read in large installments, and much time will be given to the discussion of the subject matter of the Dialogue under consideration.

Junior Course, three hours a week, required of classical students.

SENIOR YEAR:

FALL TERM: Suetonius, Lives of the Cæsars. *Julius, Augustus, Tiberius.*

WINTER TERM: Tacitus, History, and Annals; or selected letters of Pliny and Cicero.

SPRING TERM: Lucretius. De Natura Rerum; or some one or more of the philosophical works of Cicero.

The Senior Course, three hours a week, is elective for the classical students, and is subject to change to suit the requirements of the class.

English.

Three objects are kept in view in this department:

(1) To study the correct use of English as a written and as a spoken language.
(2) To study the language historically.
(3) To study the History of English Literature and to become acquainted with some of its Masterpieces.

The first two years are concerned with the first two objects; the first year with Composition and Rhetoric, the second year with the historical development of the language. For these two years the instruction aims to be practical and disciplinary. Culture will, however, not be neglected. The last two years are intended to give the student a general survey of the History of English Literature and to widen his appreciation and interest for its representative works.

FRESHMAN YEAR:

The first term will be devoted to the study of Composition and Synonymes, followed in the next two terms by the study of Rhetoric. The class will use Williams' Composition. Instruction will seek to develop the principles of correct writing and to make a practical application of them by means of weekly essays. In Synonymes the class will do original work, using as a basis of their work The Century Dictionary, Webster's Dictionary and Crabb's Synonymes. The correct use of words will be taught by the correction of exercises. In Rhetoric, Genung's Rhetoric will be used, and the principles there found will be applied in the analysis of selections in Genung's Rhetorical Analysis. Essays will be required every two weeks.

This work is required for all courses. Three hours a week.

SOPHOMORE YEAR:

The first term will take up Old English. Cook's First Book in Old English will be used. An attempt will be made to trace the development of the English language from its Saxon basis. In the second term the class will read and analyze Chaucer's Canterbury Tales and the Nonne Priestes Tale, and Spenser's Faerie Queene as found in the Clarendon Press Editions. The linguistic side of these works will be especially studied, but a careful study will also be made of the lives, works and times of these writers. The third term will be occupied with the reading and analysis of Shakespeare's Merchant of Venice and Tennyson's Princess. Literary appreciation, the principles of poetic diction and the power of analysis will be developed. Two essays will be required each term. This work is required for all courses. Three hours a week.

JUNIOR YEAR:

The History of English Literature will be studied throughout the year. The texts used are: Minto's Characteristics of the English Poets, Manual of English Prose Literature, and The Georgian Era. The Literature of the Nineteenth Century will be taken up on the Seminar plan; the student will be required to do original investigation from references furnished by the instructor. Two essays will be required each term. This work is required for all courses. Three hours a week.

SENIOR YEAR:

The study of Masterpieces throughout the year. This work is required for the Classical and Literary courses. Scientific students may elect this work if they have taken the Junior English or have special permission of the instructor. Two hours a week.

The following Masterpieces will be pursued for the first half of the year:

More's Utopia; Bacon's Essays; Milton's Paradise Lost; Wordsworth's Excursion; Carlyle's Sartor Resartus; Shakespeare's Sonnets; Tennyson's Princess; Dryden's Absalom and Achitophel; Burke's Reflections on the French Revolution; Milton's Areopagitica; Coleridge's Ancient Mariner.

The second half of the year will be a study of Shakespeare's Dramas, viz: Macbeth; King Lear; Othello; Julius Cæsar; Hamlet; Tempest; Twelfth Night; All's Well That Ends Well; As You Like It; Merchant of Venice; Henry IV.; Henry VIII.; Coriolanus: Midsummer's Night's Dream.

Each student will be required to make an independent study of one work for each half year, embodying the results of his study in a critical essay. A criticism on one essay of a fellow student in the course will also be required.

History.

The first aim of the Department of History as managed at present is to give the student a clear view of the whole field of political history, especially forcing upon his attention the unity of political history, the relation of events as cause and effect, and the salient features and most important events of each period. The course begins in the Freshman year with the study of Greek and Roman History. Here it is shown how the Greeks, though politically unfortunate, developed a civilization and a culture in many ways still unsurpassed, which the city by the Tiber, after it had grown to be

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LOOKING SOUTH FROM UPPER WINDOWS OF COLLEGE BUILDING.

the head, first of Latium, then of Italy, then of the world, made its own; and how this vast power, intellectually Greek, politically Roman, became the leaven of the world and is the most important fact in the world's history.

In the Junior year follows a general view of European History since the Fifth Century A. D., showing the student how at this time was added the second great element in history, the Teutonic; and how all history since is but the account of the progress of the society formed by the fusion of the Roman and the Teutonic elements.

After this general view of the field of History, the student is prepared for a study of detailed portions, and in the Senior year is offered as electives, English History, Political or Constitutional, and History of Civilization.

FRESHMAN YEAR:
FALL TERM: Greek History (Oman).
WINTER TERM: Roman History (Merivale).
SPRING TERM: Roman History (Merivale)
Freshman Course, three hours a week, required for all degrees.

JUNIOR YEAR:
FALL TERM: Mediæval History, Duruy's Middle Ages.
WINTER TERM: Mediæval History, Duruy's Middle Ages.
SPRING TERM: History of Modern Times (Duruy).
Junior Course, four hours a week, required of Classical and Literary students; elective for Scientific students.

SENIOR YEAR:
FALL TERM: Guizot's History of Civilization, and History of England, are offered as electives in all courses.
WINTER TERM: Political Economy (Laughlin) is required for all courses, and History of England is elective.
SPRING TERM: American Government (Hinsdale) is required for all degrees.
Senior Course, three hours a week.

Mathematics and Astronomy.

The work in this department is so arranged that the student has the opportunity of completing the course, or of taking only such studies as are essential. The work is as practical as it can be made, the aim being:

(*a*) The cultivation of orderly, continuous, and independent thought;

(*b*) The preparation of the student for the mathematical operations necessitated in an intelligent and exhaustive study of the Sciences.

ALGEBRA. The class in this subject take Wentworth's Higher Algebra, beginning with quadratics. Required of Freshmen in all courses, first and second terms, four hours.

PLANE TRIGONOMETRY. The text used is Wentworth's. Required of Freshmen in all courses, third term, four hours.

SPHERICAL TRIGONOMETRY AND SURVEYING. The text used is Wentworth's. Required of Sophomores in the Scientific course, four hours.

ANALYTICAL GEOMETRY. The aim is, by the close study of the elements of this important branch of Mathematics, to acquaint the student with analytical methods of investigation and to make him more skillful in the use of algebraic processes. The text used is Loomis', together with outside problems. Required of Sophomores in the Scientific course, second and third terms, four hours.

CALCULUS. This course includes a brief but careful treatment of the differentiation and integration of Algebraic, Logarithmic, Exponential, and Direct and Inverse Trigonometric Functions, Successive Differentiation and its application, Indeterminate Forms, Series, Maxima and Minima, Functions of two or more Independent Variables, Curvature, Singular Points, Integration by Parts and by Series, Rectification of Curves, Areas of Surfaces of Revolution, Volume of Solids, etc. This is an elective open to those having completed the work in Sophomore Mathematics. The text used is Taylor's. Three hours through the year.

ASTRONOMY. The aim of this course is to give a general knowledge of the facts of Astronomy, with a clear conception of the principles underlying them and an understanding of the methods of arriving at these facts. This is a two-hour elective for the first and second terms, open to students of all courses.

Greek.

Liberal provision for the study of the Greek Language and Literature is offered in the Classical course. Believing that as a disciplinary study and as an aid to the interpretation and appreciation of literature, the Greek language possesses many superior advantages, we have accorded it prominent attention in the Freshman and Sophomore years. The aim in the first part of the course is to lead to the

mastery of the grammatical structure of the language and the acquirement of a good vocabulary. To this end, frequent exercise is given in prose writing from sentences based on the text which is being read. Written translations of difficult and historic passages are required from time to time. In the latter part of the course the student, having acquired facility in translation, should be able to appreciate to some degree the strength and beauty of Greek Literature and gain some conception of the influence of Greece on human thought and culture. The Greek of the Junior and Senior years is elective and all Classical students are urged to pursue the study throughout the course. The course embraces the representative classical authors, comprising the departments of Epic Poetry, History, Oratory, the Drama, the Dialogue, and Pastoral Poetry. New Testament and Patristic Greek are offered in the Senior year.

FRESHMAN YEAR:

FALL TERM: Lysias, three orations. Rapid review of forms and syntax. Twenty lessons in Greek Prose. Notes are given the class on the Attic Orators and the Athenian Law Courts.

WINTER TERM: Homer, Iliad, Books I. and II. Special attention given to Greek Prosody and the dialectic peculiarities of Homer.

SPRING TERM: Homer, Iliad, Books II.–VI. Notes are given on the Homeric Question.

Freshman Course, four hours a week, required.

SOPHOMORE YEAR:

FALL TERM: Sophocles, Electra. Scansion of the Choral Odes.

WINTER TERM: Euripides, Medea. In connection with this course and the preceding, notes are given on Dramatic Literature and Representation on the Greek Stage.

SPRING TERM: Plato, Apology and Crito (Dyer). Study of the Dialogue. Notes on Socrates as a public teacher.

Sophomore Course, four hours a week, required.

JUNIOR YEAR:

FALL TERM: Demosthenes, On the Crown. Notes on the Public Life of the Greeks.

WINTER TERM: Theocritus. Greek Literature, (Jebb's Primer).

SPRING TERM: Aristophanes, Clouds.

Junior Course, three hours a week, elective.

SENIOR YEAR:

FALL TERM: Thucydides, Book VII.

WINTER TERM: Justin Martyr, Apology Major.

SPRING TERM: New Testament. Notes on Hellenistic Greek.

Senior Course, two hours a week, elective.

Natural Science.

The instruction in this department will be sufficiently technical to meet the requirements of those who wish to make the study of Science a specialty. The chief aim, however, will be to give the student a practical knowledge of each subject taken up.

The work described under the head of this department, is required for those taking the scientific course only, unless otherwise indicated.

FRESHMAN YEAR:

FALL TERM: Elementary Biology, T. Jeffery Parker.

WINTER TERM: Comparative Zoology, Orton.

SPRING TERM: Botany, Gray's Manual.

Freshman Course, four hours a week, required for B. S. and B. L. degrees.

SOPHOMORE YEAR:

FALL TERM: Chemistry, Remsen's Briefer Course.

WINTER TERM: Chemistry, Remsen's Briefer Course.

The students are required to perform all the experiments in this book and to take notes of their work. A fee of $3.00 per term is required for use of apparatus and chemicals. In addition to this the student must pay for all apparatus broken by him.

SPRING TERM: Advanced Physiology, Thornton's, or Martin's Human Body.

Sophomore Course; four hours a week, required for all degrees.

JUNIOR YEAR:

FALL TERM: Physics, Barker, or Carhart's University Physics.

Somewhat special attention is given to elementary Mechanics during the Fall Term.

WINTER TERM: Physics, Barker, or Carhart's University Physics.

SPRING TERM: Same as Winter Term.

Junior Course, four hours a week.

The Juniors in all courses may elect Advanced Chemistry when sufficient reasons are given.

SENIOR YEAR:

FALL TERM: Geology, Le Conte's Manual.

WINTER TERM: Geology, Le Conte's Manual.

SPRING TERM: During the Spring term an elective in Science may be taken. This year the elective chosen was Determinative Mineralogy. For reasons of weight, other electives may be taken.

Philosophy.

The work in this department aims at opening to the student the entire field of Philosophy and acquainting him with the history of



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its main features. With this in view much time is spent in the study of the Psychological endowments of man, so that the student may have the facts before him with which to construct a sound system of Philosophy.

In part, to sum up the facts furnished by Psychology and co-ordinate them with those supplied from other sources, but chiefly to acquaint the student with the main problems of Philosophy, a course on Introduction is given as preliminary to the study of the History of Philosophy. The courses in this department are as follows:

JUNIOR YEAR:

FALL TERM: Psychology, Ladd or Baldwin is named as the text for 1896-'97.

WINTER TERM: Psychology, Ladd or Baldwin.

SPRING TERM: Logic, Jevons-Hill.

Junior Course, four hours a week, required for all degrees.

SENIOR YEAR:

An elective in Pure Philosophy is offered for the Seniors in all courses. Some special attention will be given to the relation of the Natural Sciences to Philosophy. Texts for the year's work will be selected on Introduction to Philosophy, History of Philosophy, and Modern Philosophy. Ethics, Bowne, or Calderwood, is required of all students in the Fall Term.

Senior Course, three hours a week.

Hebrew.

This is offered as an elective during Senior Year, because of its disciplinary value and the fact that it reveals to us the oracles of God in the original tongue. The courses are:

1. Beginners' courses. Harper's Method and Manual, and Elements of Hebrew. Three hours a week. Elective.

2. Same as 1.

3. Selections from Exodus and Samuel. Harper's Syntax. Three hours a week. Elective.

German.

The object of instruction in this study is two-fold:

(1) To give the student a knowledge of German as a spoken language;

(2) To introduce him to German Literature and its Masterpieces.

Study for the first two years will be concentrated on the Grammar and the translation of *much* easy prose and poetry. The last two years will be occupied with a study of German thought as interpreted by its masterpieces. Prose composition and colloquial exercises will be required through the entire course.

FIRST YEAR:

The first term will concern itself with German Grammar, supplemented in the second term by the Reader and in the third term by the reading of easy prose selections. Thomas' Grammar and Van Daell's Reader will be used. The class will translate such texts as Hœher als die Kirche (W. von Hillern), Immensee (Storm), Traummereien (Leander), Das Kalte Herz (Hauff), Germelshausen (Gerstacker), Der Neffe als Onkel (Schiller), and others. Colloquial exercises and prose composition.

This work is required for the Scientific and Literary courses. Four hours a week.

SECOND YEAR.

Modern Prose and Poetry. Selections will be made from the following: Chamisso's Peter Schlemihl (Primer), Heine's Harzreise (Van Daell), Freytag's Die Journalisten (Thomas), Riehl's Burg Neideck (Wilson), Riehl's Der Fluch der Schoenheit (Thomas), Storm's Geschichten aus der Tonne (Brusie), Keller's Dietegen (Gruener), Auerbach's Brigitta (Gore), Grillparzer's Sappho (Maschek), Eichendorff's Aus dem Leben eines Taugenichts, Resegger's Waldheimat (Fossler), Fouque's Undine (von Jagemann), and others. Prose composition (Stein), and colloquial exercises through the year. This work is required for the Scientific and Literary courses. Four times a week.

THIRD YEAR:

The work in this year will be as follows:

FIRST TERM: Lessing's Nathan Der Weise (Brandt), or Lessing's Minna von Barnhelm (Whitney).

SECOND TERM: Gœthe's Egmont (Buchheim), or Gœthe's Iphigenia (Buchheim).

THIRD TERM: Das Nibelungen Lied. Simrock's German Translation. Lectures on German Saga and Mythology.

Bronson's Colloquial German will be used part of the year, followed by conversation hours for the remainder of the year. This work is required for the Literary course and may be elected by Scientific students. Three hours a week.

FOURTH YEAR:

The work in this year will be as follows:

FIRST TERM: Gœthe's Faust (Thomas), Part I. Lectures on Faust and its Interpretation.

SECOND TERM: Gœthe's Faust (Schœrer), Part II. Lectures continued.

THIRD TERM: German Literature. Translation of Egelhaaf's Deutsche Literaturgeschichte, with Lectures in German.

This work is elective for all courses, provided the Junior year has been taken or the consent of the instructor has been obtained. Three hours a week.

Bible Study and Evidences.

The educational value of the Bible, no less than its influence in moulding life and character and developing our modern civilization, entitles it to a place in a course of liberal studies. Moreover the hostile attacks made in recent years upon the Bible as the inspired word of God render it a matter of the highest importance that the educated classes know from personal and original investigation exactly what is in the Bible. Accordingly, provision has been made for instruction in the Bible and Evidences in the Sophomore, Junior and Senior years.

In Bible study the method is inductive, consisting in careful examination of facts and the discovery of principles of interpretation and examination that can be applied to further study. The book is its own testimony. The principles of inductive logic are also carefully applied in the work in Christian Evidences.

SOPHOMORE YEAR:

FIRST HALF YEAR: Old Testament History, (Dr. Smith.)

SECOND HALF YEAR: New Testament History, (Dr. Smith.)

The most critical and difficult portions of the Old Testament History will be either omitted entirely, or presented to the class by the instructor in the form of notes and outlines. In the New Testament History, that portion treating of the wars of the Maccabees, Alexander and Hellenism, and the Roman Conquest and Occupation, will be given the class in brief outline.

Sophomore Course, three hours a week, required for all degrees.

JUNIOR YEAR:

FALL TERM: Sacred Geography. Brief historical outline study of the Pentateuch and Joshua.

WINTER TERM: Biblical Antiquities. Brief historical outline study of Judges; I. and II. Samuel; I. and II. Kings; I. and II. Chronicles.

SPRING TERM: Church History, P. Smith's Manual of Ecclesiastical History. Brief outline study of Luke's Gospel.

Junior Course, two hours a week, elective for all degrees.

The work of the Junior year is subject to change.

SENIOR YEAR:

FALL TERM: An elective will be provided for this term.

WINTER TERM: Natural Theology, Valentine. Essays required.

SPRING TERM: Evidences of Christianity, Wright. Essays required.

Senior Course, Winter and Spring Terms, three hours a week, required for all degrees.

French.

The instruction in this language will be directed:

(1) Toward a study of French as a language;

(2) Upon its literature, and

(3) To the study of its philological relation to the English language.

The course will consist for the first two years in the reading of *much* easy prose, followed in the third year by a study of French Classics. Colloquial exercises and prose composition will form an important part of the work throughout the course.

FIRST YEAR:

The first term will be concerned with the study of Edgren's Grammar, supplemented in the second term by Super's Reader, and in the third term by the reading of easy prose.

There will be read such selections as Contes de Fees (Joynes), Le Voyage de Monsieur Perrichon (Labiche et Martin), L'Abbe Constantin (Halevy), and others as time permits. Colloquial exercises and prose composition will be based on the text of each day's lesson. This work is required for the Scientific and Literary courses. Four times a week.

SECOND YEAR:

Modern prose and poetic selections will be read the first two terms followed in the third term by a study of selected Lyrics. A choice will be made from the following works:

Pailleron's Le Monde ou L'on S'ennuie (Pendelton), Champfleury's Le Violon de Faience (Bevenot), Freeborn's Alphonse Daudet, Van Daell's Paul Bourget, Augier's Le Gendre de M. Poirier (Wells), Verne's Le Tour du Monde en Quatre-Vingt Jours (Edgren), Sand's Le Petite Fadette (Aston-Binns), and others.

French Syntax (Storr), and colloquial exercises on the text of each day's lesson.

This work is required for the Literary course and is an elective for all who have had the first year's work. Three hours a week.

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THIRD YEAR:

The work in this year will be as follows:

FIRST TERM: French Classics. Corneille's Polyeucte. Moliere's Le Tartuffe. Racine's Athalie. Saintsbury's Primer of French Literature, with lectures.

SECOND TERM: French Classics. Racine's Phedre, Moliere's Le Bourgeois Gentilhomme, Racine's Esther. French Literature continued.

THIRD TERM: Victor Hugo's Ruy Blas and Hernani. French Dramatic Literature and its effect on the English Drama. Subject for Essay in French.

This year is elective, three times a week.

ACADEMIC DEPARTMENT.

The Academic Department is designed for those preparing for College. It is intended also to meet the wants of those who have not the time nor means to take a regular course, and yet desire the training of a first class Academy. The courses herein offered are in a sense complete, affording training in the Ancient Languages, Mathematics, Natural Sciences, English and Literature, as well as in the Common School branches. It is of the highest importance that the work preparatory for entering college should be carefully and accurately done. For the most part, the work of the Academy is done by the regular college Professors. This Department comprises three courses, viz: The Classical, Scientific and English, preparing respectively for entrance into the Classical, Scientific and Literary Courses of the College.

The work of the first two years, consisting principally of the common school subjects, is about the same in each of the courses. Those completing in a satisfactory manner any of the prescribed courses will receive diplomas, and will be admitted into the corresponding courses of the College Department without examination.

The work in the Latin Language represents two years and two terms time. The work in Greek represents two years time. Those who have advanced sufficiently in Mathematics, English and the Sciences to enter College, or the Senior Academic year, but are deficient in the Latin or Greek, or both, will here find special arrangements *by increasing the number of recitations a week*, for their rapid advancement in these studies.

The following has been added this year to the work of the Scientific and English Courses, and will be regarded as a requirement for entrance to the Freshman class of the Scientific and Literary Courses for the year, 1897–'98.

The student will be required to write an essay on some subject, correct in spelling, punctuation, sentence structure and paragraphing. Familiarity with four or five English Classics is advised for 1896-'97. The subjects for 1897-'98 are Longfellow's Evangeline, Tennyson's Lotus-Eaters, Cooper's Pilot and Dickens' Tale of Two Cities.

Candidates for admission must give satisfactory evidences of good moral character, and must exhibit the necessary proficiency in Spelling, Reading, and the rudiments of Arithmetic, Grammar and Geography. Students deficient in spelling will be required to take this branch, whatever may be their grade of work in other branches.

As a rule, eighteen recitations a week are all that a student will be allowed to take. But in case some of the work is review for the student and he shows the ability to accomplish successfully more than the usual assignment and thus prepare himself earlier for the Freshman class, he will be allowed to take as much work as is consistent with thoroughness.

Courses of Study.

FIRST YEAR:

The same in all courses.

FIRST TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography.

SECOND TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; Geography.

THIRD TERM: Arithmetic; English Grammar; Geography; Penmanship; Reading and Orthography.

SECOND YEAR.

FIRST TERM.

CLASSICAL.	SCIENTIFIC.	ENGLISH.
Arithmetic, Advanced. English, Higher Lessons. Civil Government. Penmanship. United States History.	Same as Classical.	Same as Classical.

SECOND TERM.

Latin, Beginning Latin. Arithmetic, Advanced. United States History. English, Higher Lessons. Orthography.	Latin, Beginning Latin. Arithmetic, Advanced. United States History. English, Higher Lessons. Orthography.	English, Higher Lessons. Arithmetic, Advanced. United States History. Geography. Orthography.

THIRD TERM.

Latin, Beginning Latin. Arithmetic, Advanced. English, Higher Lessons. United States History. Orthography.	Latin, Beginning Latin. Arithmetic, Advanced. English, Higher Lessons. United States History. Orthography.	English, Higher Lessons. Arithmetic, Advanced. Geography. United States History. Orthography.

THIRD YEAR.

FIRST TERM.

Latin, Beginning Latin. Algebra. Greek, White's Beginners' Book.	Latin, Beginning Latin. Algebra. History, Myers' General. Zoology.	Zoology. Algebra. History, Myers' General. English Composition.

SECOND TERM.

Latin, Cæsar. Algebra. Greek, White's Beginners' Book.	Latin, Cæsar. Algebra. History, Myers' General. Physiology.	English, Whitneys's Essentials. Algebra. History, Myers' General. Physiology.

THIRD TERM.

Latin, Cæsar. Algebra. Greek, White's Beginners' Book.	Latin, Cæsar. Algebra. History, Myers' General. Botany.	English, Genung, Introduction to Rhetoric. Algebra. History, Myers' General. Botany.

FOURTH YEAR.

FIRST TERM.

CLASSICAL.	SCIENTIFIC.	ENGLISH.
Latin, Cicero, and Prose. Greek. Geometry. Physical Geography.	Latin, Cicero, and Prose. Geometry. Physical Geography. English Literature and English Classics.	English Literature, and English Classics. English History. Geometry. Physical Geography.

SECOND TERM.

Latin, Vergil, and Prose. Greek. Geometry. Physics.	Latin, Vergil, and Prose. Geometry. Physics. English Literature and English Classics.	English Literature, and English Classics. English History. Geometry. Physics.

THIRD TERM.

Latin, Vergil, and Prose. Greek. Geometry. Physics.	Latin, Vergil, and Prose. English Literature and English Classics. Geometry. Physics.	English Literature, and English Classics. English History. Geometry. Physics.

NORMAL DEPARTMENT.

This department has been created for teachers and those intending to teach. The following course of study includes in addition to the so-called common branches the subjects usually taught in our high schools. The work of the first year is intended to meet all the demands of the County Superintendent of Schools for the second grade certificate; the work of the second year, with the exception of physics, zoology and botany, for first grade certificate; the work of the third and fourth years prepares for state certificate.

Students who cannot spend the four years necessary for the completion of the entire course may arrange personally for special work. A moderate degree of freedom in the substitution of studies from

one year to another will be given, provided always that the student give positive evidence of his fitness to enter upon the branch contemplated. To any student completing the course of study as herein outlined will be given a diploma of graduation.

Course of Study.

FIRST YEAR.

FALL TERM: Arithmetic, 5; English Grammar, 5; United States History, 3; Orthography and Reading, 4; Penmanship, 2.

WINTER TERM: Arithmetic, 5; English Grammar, 5; United States History, 3; Geography, 3; Physiology, 3; Pedagogy, 2; Orthography, 2.

SPRING TERM: Arithmetic (review), 4; English Grammar (review) 5; United States History (review), 3, or Physiology, 3; Geography, 3; Pedagogy, 2; Orthography, 2.

SECOND YEAR:

FALL TERM: Algebra. 5; Book-keeping, 2; Civil Government, U. S. 3; Latin, 6; English, 3.

WINTER TERM: Algebra, 5; English, 3; Latin, 6; Elementary Psychology, 3.

SPRING TERM: Algebra, 5; English, 3; Latin, 6; School Organization, 2.

THIRD YEAR:

FALL TERM: Geometry, 4; General History, 3; English Literature, 4, Latin, 5; Zoology 3.

WINTER TERM: Geometry, 4; General History, 3; English Literature, 4; Applied Psychology, 2; Latin, 5.

SPRING TERM: Geometry, 4; General History, 3; English Literature, 4; Latin, 5; Botany, 3.

FOURTH YEAR:

FALL TERM: Advanced Algebra, 4; English, 3; Physical Geography, 4; Latin, 5; History of Education, 2.

WINTER TERM: Advanced Algebra, 4; English, 3; Physics, 4; Latin, 5; Philosophy of Education, 2.

SPRING TERM: Trigonometry, 4; English, 3; Physics, 3; School Supervision, 1; Latin, 5.

Students may elect any studies in the College Department which their previous training may have fitted them to pursue with profit. Those who expect to present themselves for examination for State Certificate, will pursue, in addition to the studies catalogued in third and fourth years, such other studies as they intend to elect for the examination.

Summer Normal Term.

For the benefit of those teachers who desire to spend part of their vacation in reviewing, and of others preparing for examination, the Normal Department holds a summer session of four weeks. This term will be held beginning Monday, June 8th and ending Friday, July 3rd, 1896. Classes are formed in all the common school branches, and in all branches required for a first grade certificate.

Students who are preparing to enter college and are deficient in some studies are given an opportunity here under the regular college instructors to make up such deficiencies. The tuition is one dollar per week for those taking the common school branches, and one dollar and twenty-five cents for those taking all or any part of the first grade work.

Prof. C. B. Newcomer, Principal of the Normal Department, will conduct the classes in Botany, Zoology, Physics, Arithmetic and Grammar. Mr. D. H. Cramer will conduct the classes in the other branches. For information, address, Prof. C. B. Newcomer, Carthage, Illinois.

BUSINESS DEPARTMENT.

This department has been organized for the benefit of those who wish to take a course qualifying them directly for business pursuits. The work contemplates the mastery of all those studies which are of immediate and practical value in commercial life. The department is so arranged as to afford the student the best opportunities for pursuing such studies at much below the usual cost. Students can enter these classes at any time, and will be advanced as rapidly as their progress will justify it. The course covers two years, but those prepared to take advanced standing will be allowed to do so at their entrance. Special rooms are assigned to the students of this department, where they have the assistance and oversight of the instructor during regalar school hours. He arranges the recitations according to the needs and convenience of the students, and the necessities of the work.

Students in the Business Department have the privilege of taking any studies in the Collegiate or Academic Departments which they may be prepared to pursue with profit.

Courses of Study.

FIRST YEAR:

FIRST TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; United States History; Civil Government.

SECOND TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; United States History; Geography.

THIRD TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; United States History; Geography.

SECOND YEAR.

FIRST TERM: Book-keeping; Business Forms; Arithmetic: Commercial Law; Business Writing; Business Orthography; Penmanship.

SECOND TERM: Book-keeping; Business Forms; Arithmetic; Commercial Law; Business Writing; Business Orthography; Penmanship.

THIRD TERM: Book-keeping; Banking; Arithmetic; Business Orthography; Actual Business Practice; Penmanship.

The work in Business Practice will require of the student the application of the principles learned to actual business transactions. Ample facilities will be afforded the students to become thoroughly familiar with business methods and habits in the practice required before graduation.

SHORTHAND AND TYPEWRITING.

Facilities are afforded for all those who desire to take courses in Shorthand and Typewriting.

TYPEWRITING: Course of ten lessons, one hour each, $4.00; single lessons, each 40 cents.

SHORTHAND: Course of twenty lessons, one hour each, $8.00; single lessons, each 50 cents.

Use of Typewriter, one hour a day, per month $3.00

MUSICAL DEPARTMENT.

Students in this department have been under the tuition of Miss Laura A. Manier. Pupils of all grades of advancement are admitted to instruction. Musical instruments, pianos and organs, will be found in the Ladies' Dormitory. Students have access to these for practice.

Course of Study.

PIANO FORTE.

In the study of this instrument special attention is paid to developing a pure touch and correct phrasing. A complete course will be given to those who desire to become proficient in Piano Forte playing. Students are required to play in the class rehearsals and public recitals. No definite time can be fixed for completing the course of study, for some will make twice the progress of others. The regular course will include knowledge of Thorough-base and Harmony.

FIRST GRADE.—Lebert & Stark's Piano School, Vol. I; Plaidy's Technical Studies; Selections from the following works: Kœhler's Op. 50; Czerny's Op. 139; Biehl; Lœeschorn; Duvernoy Op. 120; Sonatinas and pieces by Clementi, Reinecke, Schumann Lichner.

SECOND GRADE.—Selections; Daily Technique; Czerny's Velocity Studies, Op. 299; Heller's Phrasing Studies; Bach's easier Inventions and Preludes; Chopin Waltzes; Mendelssohn's Songs Without Words. Pieces selected from standard authors.

THIRD GRADE.—Selections:—Daily Technique; Cramer; Berger's Etudes; Bach's "Well-tempered Clavichord;" Czerny's Classic School No. 1; Sonatas of Mozart, Beethoven, Schubert; Concert selections from Weber, Moskowski, Raff, Chopin, Mason, and Thalberg.

A thorough course will also be furnished for organ and violin.

CULTIVATION OF THE VOICE.

The following is an outline of the course of study in vocal culture: Exercises for the development of the voice; Study of Position, Breathing, etc., Scales and Arpeggios; Bonaldi's Vocalises; Panafka's A, B, C; Marchesi; Concone Op. 9, 10 and 12; Vaccai; Nava 1, 2, 3, 4, 5, Bordogni; Teschner; Songs by Mendelssohn; Brahms; Gounod; Liszt; Schubert; Rubinstein, and others.

RATES OF TUITION.—Twenty lessons on piano or organ, $10.00. Use of instrument, $3.00. Twenty Voice Lessons, $10.00.

HALL OF GALILEO LITERARY SOCIETY

LIBRARY
OF THE

ART DEPARTMENT.

The work which Miss Mathias offers in this department embraces the following:

Drawing: I. Elementary drawing from objects.
II. Drawing from casts,
III. Drawing from lire.
IV. Sketching, from life and nature.
Painting: I, Painting in oils.
II. Painting in water colors.
III. Painting on china.

The rate in this work are, for a term of twelve lessons, $5.00; single lessons, 50 cents.

Students may take one or two lessons a week as they may choose.

POST-GRADUATE DEPARTMENT.

The College gives opportunity to its own graduates, and others, to do post-graduate work. Under the direction of the Faculty, courses of study have been outlined leading to the degrees of M. A., M. S. and M. L.

At present, the College does not undertake to give class-room instruction in the subjects leading to advanced degrees. It offers to direct the studies of the applicant, to conduct the examinations and to confer the appropriate degrees upon such as complete creditably the prescribed course and submit an approved thesis.

The time for the completion of the various courses is not limited, but the candidate will be required to make stated reports of his progress, and is expected to pursue sustained and systematic study. Final examination must in all cases be conducted at the college. Others may be arranged for elsewhere at the expense of the candidate.

The fees charged are, for matriculation $5.00; examination, $10.00; diploma, $5.00.

Pamphlet containing full outline of all courses in Graduate Department will be sent, on application to the President of the College.

CARTHAGE COLLEGE.

Is under the auspices of the General Synod of the Evangelical Lutheran Church in the United States of America. It was chartered in 1870 and graduated its first class in 1875. It is controlled by the Central Illinois, Northern Illinois, Southern Illinois, Iowa, and Wartburg Synods, which are the stockholders and elect the Trustees.

INSTRUCTION.

The instruction in all departments is thorough and practical. It is intended to be helpful to the student, but in no sense a substitute for his individual exertion. The aim is to afford the student the very best discipline in habits of independent thinking, and the methods employed are made to conform to this end. The class-room work is carried on by means of recitations from suitable text-books, free discussions in class, presentation of theses, frequent examinations and reviews, dictation of notes, use of blackboards and charts. Lecture courses in the higher classes are given throughout the year.

Original work on the part of the student is encouraged and insisted upon as a requisite to graduation,

Courses of reading on special topics, supplementary to the subjects pursued in class, are laid out and the student is required to follow these up carefully and at stated times to give a synopsis of the parts gone over. At the discretion of the teacher, work of this kind may may be received in place of a review of the text-book preparatory to examination. The results so far as this system has been practiced have been very gratifying.

RHETORICAL EXERCISES.

Weekly Rhetorical exercises, consisting of orations, compositions and declamations are held in the College Chapel every Wednesday morning at 10:10. All the students of the college are required to be present at these exercises and each *college student* will be on the

programme once each term. The Freshmen will have exercises in Declamation, the Sophomores in Composition, the Juniors and Seniors in Orations. *The performance of this work is a requirement for graduation.*

LITERARY SOCIETIES.

Two Literary Societies are sustained in connection with the College. The membership is about the same in each. Sessions are held on Friday evening of each week, and to those connected with them they afford, besides access to their libraries, valuable aid in composition, debate, elocution and parliamentary rules. All candidates for degrees are required to unite with one or the other of these societies and regularly to take part in the literary exercises for three years. In other courses no one is graduated without performing society duties for one year. Their halls are elegantly frescoed, carpeted and furnished with every needed convenience, presenting an attractive and homelike appearance, and inviting to participation in the exercises of the sessions.

GALILEO SOCIETY.

This Society was organized September, 1870. During the present year the members have added a fine Kranach & Bach piano to their hall. The society possesses a well selected library of nearly 1000 volumes, to which there have been added the present year by purchase one hundred and eighteen volumes, comprising standard classical and recent books. The society also conducted this year a popular Lecture Course which was well patronized by the citizens of Carthage.

CICERO SOCIETY.

This Society was organized September, 1871. It possesses also a large and well selected library to which constant additions are being made from the proceeds of a library fund. There were added within this year seventy-six volumes. Valuable additions to the furniture of the hall were also made.

LIBRARIES.

The College owns a library of about 3,000 volumes, to which the students have access under certain necessary restrictions. Within the past year valuable additions were made to the library by donations.

READING ROOM.

A Reading Room has been fitted up in connection with the College. Here the students have access to daily, weekly, monthly and quarterly periodicals of all kinds. They can thus become acquainted with the current events as well as the learning of the past. The room is also provided with numerous dictionaries and other books of reference for the use of the students.

COLLEGIAN.

The College Faculty, with the aid of correspondents elected by the Literary Societies and Christian Associations, issues the Carthage Collegian monthly. It is devoted to the interests of Carthage College and higher education, and aims to keep the Alumni, patrons and friends of the institution in touch with its interests. In this respect it has been of marked service. It both needs and deserves the support of all who are interested in the welfare of the College.

RELIGIOUS EXERCISES.

The tone of the institution is positively religious. The value of the religious element in culture is distinctly recognized in that it is made a prominent feature in the instruction and prevailing sentiment of the College. The study of the Bible is also given prominent attention in all the courses leading to degrees.

The work of each school day is commenced with prayer. Students are expected to attend public worship on the Lord's Day. Those who are members of the different denominations are expected to worship in their respective churches. The Baptists, Episcopalians, Christians, Methodists, Presbyterians, German Lutherans, and English Lutherans have organizations and regular services in the city. Students who have no church connections are urged to select the church which they prefer to attend and become regularly identified with the Sabbath School of the same.

Y. M. C. A. AND Y. W. C. A.

These Associations are in a flourishing condition, and the influence from this source contributes largely to the religious life and excellent order of the school. A separate room on the first floor of the College Building has been set apart for the use of these Associations. The

room is neatly papered, carpeted, and furnished so as to present a very attractive and homelike appearance. A fine chapel organ has been procured for their use. A missionary library, numbering about one hundred volumes has been commenced, which is said to be the first one of its kind in the state of Illinois. The Associations are doing a good work, which is of incalculable benefit to young men and women separated from the care of pious homes, as well as to those who have had no previous religious culture.

They hold separate meetings for prayer and praise on Tuesday evening of each week, three quarters of an hour in length. On Friday evening of each week a joint meeting for prayer and praise is held.

The Y. M. C. A. sustained this year three classes for study, each led by a student, viz:

The Workers' Training Class.
Class for Bible Study.
Students' Volunteer Mission Class.

The latter class studied this year, "The Cross in the Land of the Trident."

EXAMINATIONS.

Examinations are held from time to time as it is thought necessary or advantageous to the progress of the students. At the discretion of the teacher, other work assigned by him may be received as a substitute for an examination.

Promotions to advanced standing are made upon the basis of satisfactory examinations in the studies pursued, or the performance of such special work as the teacher may direct.

CLASS STANDING.

A record of scholarship and deportment of each student is kept, and a report of the same is sent to the parents or guardian at the end of each term, and more frequently if requested.

TERMS AND VACATIONS.

The collegiate year consists of thirty-seven weeks, divided into three terms, as follows: Fall Term, of twelve weeks, Winter Term, of thirteen weeks, and Spring Term, of twelve weeks.

There will be two vacations, the usual holiday vacation lasting about two weeks, and a long summer vacation of thirteen weeks. (See Calendar, 2d page of cover.) By this arrangement students can

pursue their studies continuosly during term time, and make the very best use of the long vacation for procuring the means necessary for prosecuting the work in the Institution. It is very important that students should commence with the beginning of the year and continue regularly until its close. Those so beginning will be *certain* to find satisfactory classification. Students may enter at any time and take such places as they are prepared for in classes already formed; but the best results are secured by those who commence at the opening of the year.

THE TRESSLER PRIZE.

A friend of the College has donated a sum of money, the interest of which is applied annually for the purchase of a gold medal to be given to that member of the Senior class who shall write and present the best essay on a given subject assigned by the faculty. Mr. E. T. Gill received this prize in '95. The subject for 1895–'96 is "Rasselas."

THE LEON W. BERRY PRIZE.

Leon W. Berry, of the city of Carthage, offers annually a gold medal to that regular member of the Freshman class who attains the highest average grade in all the studies of the Classical or Scientific Course for the year. Mr. George Barton, of Carthage, Ill., was the successful competitor in '94–'95.

FACULTY PRIZE IN ORATORY.

The faculty offers a prize to that member of the Junior class who in a public contest shall produce the best original oration, regard being had for both thought and delivery. The second contest was held in Trinity Lutheran church, on Monday night, May 27, 1894. Miss Effie J. Cromer, of Irving, Ill., won the prize.

SCHOLARSHIP CONTEST.

The College offers a scholarship entitling the holder to one year's free tuition in any department of Carthage College to that young man or young lady who shall, on Wednesday of the Hancock County Fair, in a public contest, deliver the best original oration, judged both as to *matter* and *manner*. The judges are to be selected by the executive committee of the Fair Association; the successful oration to become the property of the College.

QUARTO-CENTENNIAL.

At the last Annual Commencement the Quarto-Centennial of the founding of Carthage College was celebrated. In the vacation following, a "Souvenir of Carthage College and City of Carthage" was edited and published by a committee consisting of several of the Trustees and members of the Faculty. It contains a history of the College, also an exhibit of the City of Carthage. It contains many half-tone cuts of men prominently identified with the College in the past and present, of the buildings, grounds and halls of the College, as well as of many of the business houses, private residences and prominent citizens of the City of Carthage.

GROUNDS AND BUILDINGS.

The College grounds cover an area of about eighteen acres, and are situated in a pleasant part of the city, half a mile from the public square.

The main building of the College is a large and beautiful brick structure, built in modern style and well finished throughout. It is entirely devoted to recitation rooms, society halls, association room, chapel, library, reading room, museum, office, laboratory and waiting rooms, all of which are large, well lighted and furnished with all needed appliances.

Two dormitories, one for ladies and the other for gentlemen, are located near by, in which students can be accommodated with comfortable rooms.

The West Hall is occupied by young ladies, and is under the personal supervision of a Matron, who resides in the building. The most studious attention is given to the comfort and health of the young ladies.

EXPENSES.

The necessary expenses at Carthage College are exceedingly low. Special efforts are made to reduce each item of expense to the very lowest, so as to bring the advantages of a thorough collegiate education within the reach of all. A few students defray a part of their expenses by doing light work about the buildings and grounds, as well as in the city.

Tuition, Fall Term	$10.00
Tuition, Winter Term	12.00
Tuition, Spring Term	10.00
Tuition, per year	32.00
Music, 20 lessons on piano or organ	10.00
Voice, 20 lessons	10.00
Use of instrument, per term	3.00
Art per Term, 12 lessons	5.00
Shorthand, for course of 20 lessons	8.00
Typewriting, for course of 10 lessons	4.00
Use of typewriter per month, one hour a day	3.00
Board in Ladies' Hall, per week	2.25
Board in Ladies' Hall, from Monday to Friday	1.75
Board, with furnished room, in private families, per week	$3.00 to 3.50
Room in Dormitories, per term	2.00
Room in Ladies' Dormitory, per term	5.00
Board, Room Rent and Tuition, per year	$102.00 to 140.00

For students taking Chemistry a fee of $1.50 per term is charged to cover cost of materials used.

For students in Mineralogy a fee of $1.00 per term is charged.

Students entering for less than a term will be charged $1.00 per week for tuition.

In all cases tuition and room rent must be paid in advance. In cases only of protracted sickness will tuition be refunded.

Students leaving the institution without duly notifying the President and adjusting their accounts, will be charged full term rates.

Those graduating from the College are charged a fee of $5.00 each for diploma, and those graduating from the other departments, a fee of $2.00 each.

Money may be deposited with the President of the College to be disbursed as directed by parents or guardians. Moneys and other valuables may be deposited for safe keeping in the vault of the College.

ROOMS AND FURNITURE.

All the rooms in the Dormitories are furnished with bed, washstand and stove, for use of which and room only $2.00 a term is

HALL OF THE CICERO LITERARY SOCIETY

LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

charged. Students are advised to furnish all other needed articles for their rooms. But for those who desire it, the College furnishes bed and mattress, stove, wash-stand, table, chairs, bowl and pitcher, water bucket and mirror at a charge of $4.00 per term.

In the West Hall, ladies' rooms will be furnished with all needed articles, except sheets and towels. The charges for room, furniture and service will be $5.00 a term.

The rooms in the College buildings are rented to students at a nominal price, and are, therefore, reserved for those who board in the Ladies' Hall.

Students of both sexes board in Ladies' Hall, where good and substantial board is furnished at very low rates.

APPARATUS.

The College has a fine collection of physical and chemical apparatus, including some rare and costly pieces; also charts, models and other appliances; also a choice collection of minerals for the use of students in Mineralogy and Geology. A good beginning of a museum has been made, to which additions are constantly received.

ATHLETICS.

An Athletic Association has been organized, including the Faculty and the great body of the students. Thus far attention has been given chiefly to outdoor sports. A regular field day has been added to the program of Commencement week. Plans are in progress looking toward the erection and equipment of a gymnasium with regular instruction in physical training,

GOVERNMENT.

The government is vested in the Faculty. It is mild yet firm. It is the aim as far as possible to combine both the civil and parental modes of governing. Good conduct and faithful work are required. To secure these ends appeal is made to the honor and moral sense of the students. Students who cannot be reached by such means, and whose connection with the College is profitable neither to the institution nor to themselves, are not permitted to remain as a disturbing influence to the great body of diligent and faithful students.

COLLEGE RULES.

Few rules are needed for the government of the students. The following have been found serviceable and necessary for the safety and good order of the College community. Their strict observance is insisted upon.

1. All students, except those who are residing with their parents or guardians in the city of Carthage, are under the direct control of the Faculty, and are required to observe study hours during the day and evening from 8 a. m. to 11 a. m.; from 2 p. m. to 4 p. m.; and from 6:30 p. m.

2. Students residing on the grounds are not allowed to leave them during study hours without permission.

3. During study hours all students not residing on the grounds are required to be in the Waiting Room while not reciting.

4. Students from abroad are not permitted to attend entertainments which are not approved by the Faculty.

5. All students from a distance are required to obtain permission of the President before leaving the city.

6. Students having recitations at 8:55 and 10:10 a. m., and all others residing on the grounds, are required to attend chapel.

LOCATION.

Carthage is a pleasant, growing city of nearly three thousand inhabitants, the county seat of Hancock county and closely connected by railroads with Quincy, Keokuk, Burlington and Galesburg. The city is healthful, quiet and moral; it licenses no liquor traffic, and is free from many of the temptations to vice common in larger cities. The people are noted for their intelligence and hospitality.

Students coming from the east, north or west via the C. B. & Q. R. R. will change cars at Burlington. Those coming via the Wabash route, will change at Clayton, if from the east; Keokuk, if

from the west. Those coming from the east via. the T. P. & W. R. R. will change at Elvaston or Ferris. Those from the south will change at Quincy or Keokuk.

On arrival students will call at the President's office in the College building, where they will receive every attention, and all necessary information in regard to board, rooms, classification, text-books, etc.

Students wishing to procure rooms in the dormitories should make application at an early day.

For catalogue or other information, address the President,

J. M. RUTHRAUFF, A. M.,

Carthage, Illinois.

FORM OF BEQUEST.

In making bequests, care should always be taken to use the correct and full corporate title of the College, also to state clearly the amount of bequest and any special use, if any, for which it may be designed. The following general form of bequest is recommended:

I give, devise and bequeath to Carthage College, Carthage, Illinois, the sum of $..... (or if real estate or other property, describe accurately), said funds, or proceeds thereof, to be held by it and applied to the endowment fund of Carthage College (or if for other purposes, state clearly). But in case the College should cease to be controlled by the General Synod of the Evangelical Lutheran Church in the United States of America, or a Synod or Synods belonging thereto, said money or proceeds shall revert to the Board of Education of said General Synod for the support of some other General Synod College on the present Carthage College territory.

ENDOWMENT.

The liberal offer of Mr. Henry Denhart, of Washington, Illinois, to give ten thousand dollars, and other advantages to the institution, provided that the church will greatly increase the permanent endow-

ment fund of the College, and that the citizens of Carthage and vicinity will build one new Dormitory and make extended improvements on the present buildings and grounds, has been accepted by the Board of Trustees and the citizens of Carthage, as well as by all the Synods concerned. Vigorous effort is being made to raise the required amount. The results thus far warrant the belief that the entire amount will be raised by June 1st, 1897.

DONATIONS TO LIBRARY.

Rev. N. W. Lilly, pamphlets	112
Rev. N. W. Lilly, volumes	47
Harvard College, volumes	2
Rush Medical College, volume	1
Illinois State Board of Labor, volumes	4
Government Documents, volumes	45
W. T. Harris, volume	1

ALUMNI.

†OFFICERS OF THE ASSOCIATION.

PRESIDENT - - - - WILL O. CARLETON, '81
FIRST VICE-PRESIDENT - MARY TRESSLER NEWCOMER, '87
SECOND VICE-PRESIDENT - HATTIE SCOFIELD CROMER, '76
THIRD VICE-PRESIDENT - - JULIA FERRIS HUBBS, '84
SECRETARY - - - ROBERTA BREWER RISSE, '84
TREASURER - - - - - S. H. FERRIS, '82
BIOGRAPHER - - - ROBERT L. CASBURN, M. D., '80
ORATOR - - - - - EMMA CROMER LADD, '78

1875

Ida Harris King, A. M. - - - - Prescott, Iowa
Maggie Taylor Bowers, A. M. - - - Boise City, Idaho
Kate Thummel Fisher, M. S. - - - Prairieville
James M. Cromer, A. M., minister - - Kansas City, Mo.

1876

*Hon. George A. Anderson - - - - -
Charles L. Ferris, A. M., physician - - - Carthage
T. J. Scofield, A. M., Esq., Assistant Attorney General, Springfield
Ina Elder, A. M., teacher - - - - Decatur
Sophronia Nesbit, A. M., missionary organizer, Des Moines, Iowa
Hattie Scofield Cromer, A. M. - - Kansas City, Mo.
Rose Spitler Scofield, A. M. - - - - Carthage

*Deceased.
†The Faculty and officers of the Association desire to have the correct address of each graduate. It will be deemed a favor if the President of the institution and the Secretary of the Association be informed of errors and changes in address.

*Grace Cherrill, B. S. - - - - - -
Ben L. Cress, M. S., civil engineer - - Boulder, Col.
J. M. Dempster Davidson, A. M., minister - - Chicago
Oscar M. Easterday, A. M., real estate agent - Lincoln, Neb.
Joseph C. Elder, M. S., farmer - - - Carthage
J. Q. A. Kimmel, M. S., L.L. B., attorney at law - Murphysboro
A. A. Wolfersperger, M. S., attorney at law - - Sterling

1877

Laura A. Manier, A. M., teacher of music - - Carthage
George H. Albright, A. M., minister - - Lincoln, Neb.
James E. Weir, A. M., minister - - - Fort Morgan, Col.
J. J. Williams, A. M., Esq., attorney at law - Kansas City, Mo.
*Addie Logan Ray, A. M. - - - - -
Julia Scofield McKemey, A. M. - - Fairfield, Iowa
Jennie Fletcher, M. S., ex-missionary - - - Bentley
Mary Hawley Findley, M. S. - - - - Peabody, Kas.
Emma Sample Freeman, M. S. - - - Red Bluff, Cal.

1878

Prof. L. P. Cravens, A. M., professor of mathematics - - - - Cedar Rapids, Iowa
Charles S. DeHart, A. M., banker - - - Carthage
John F. Fair, A. M., physician - - - - Freeport
Junius Colton Ferris, A. M., E. M., banker - - Carthage
Wm. G. Gettle, A. M., minister - - - Franklin, Neb.
E. Clark Hughes, A. M., attorney at law - Seattle, Wash.
J. Frank Keefer, A. M., physician - - - - Sterling
George W. Loop, A. M., farmer - - - Huntsville
Maggie Cravens, A. M., teacher - - Middle Creek
Emma J. Cromer Ladd, A. M. - - Sioux City, Iowa
Charles M. McMillan, M. S., farmer - - - Denver
Prof. M. G. Rohrbaugh, M. S., teacher - - Omaha, Neb.

1879

Peter Ewald, A. M., minister - - - Lyons, N. Y.
W. G. W. Geiger, A. M., Esq., attorney at law - Tipton, Iowa

Frank H. Helsell, A. M., lawyer and banker - Sioux Rapids, Iowa
Albert B. Shrader, A. M., minister - - - Nevada, Iowa
H. M. Swope, A. M., Esq., attorney at law - - Quincy
Caroline J. Bartlett, A. M., minister - - Kalamazoo, Mich.
*Flora Manier Geiger, A. M. - - - - -
Nellie Nesbit, A. M., pension clerk - Des Moines, Iowa
Wm. H. Weaver, M. S., physician - - - Chicago
Hon. Scott M. Ladd, M. S., L.L. B., circuit judge - Sioux City, Iowa
Prof. Fernando Sanford, M. S., Head Professor of Physics in Leland Stanford, Jr., University - Palo Alto, Cal.
Alice E. Crawford Sanford, M. S. - - - Palo Alto, Cal.
Hattie L. Tillapaugh Shrader, M. S. - - Nevada, Iowa
Mary V. Thompson, M. S., teacher - - Carthage

1880

Stephen K. Bittenbender, A. B. - - San Jose, Cal.
W. D. Henkle, A. B., journalist - - - - Anna
Herman Juilfs, A. M., minister - - Arukeim, Ohio
Andrew S. Zimmerman, A. M., minister - - Lansing, Mich.
Emma DeHart Hughes, A. M. - - Seattle, Wash.
Frank M. Campbell, M. S., physician - - Claflins, Kas.
Robert L. Casburn, M. S., physician - - - Carthage
Joseph G. Gilchrist, M. S., civil engineer - - St. Joseph, Mo.
Minnie Gilchrist Woods, M. S. - - - Wade, Fla.
M. Blanche Griffin McArthur, M. S. - - - Hamilton
M. Inez Robbins Brickford, M. S. - - - Plymouth

1881

Prof. Wm. E. Ebright, A. M., Superintendent of Blind Asylum - - - - Nebraska City, Neb.
Jos. H. Miller, A. M., physician - - - David City, Neb.
R. D. Zimbeck, A. M., physician - - - Sharon, Wis.
*Clifford C. Musser, A. B. - - - - -
Will O. Carleton, B. S., dry goods merchant - Carthage
Frank C. Harris, B. S., traveling salesman - Topeka, Kan.
Edgar F. Hurdle, B. S., farmer - Wheatland, Wyoming
Josiah Kuhn, B. S., minister - - - Morristown

*W. P. Overman, B. S., - - - - -
John K. Reed, B. S., minister - - - Oregon
Walter Vanzile, B. S., farmer - - Waggoner, I. T.
Adell Griffin Barnett, B. S., - - Kansas City, Mo.
Mary Overman Damrell, B. S., - - Red Cloud, Neb.

1882

Oscar E. Aleshire, A. M., Esq., insurance agent, - Chicago
Stephen H. Ferris, A. M., banker - - Carthage
A. C. T. Geiger, A. M., circuit judge - - Oberlin, Kan.
Frank Wertz, A. M., attorney at law - - Forreston
George H. Schnur, jr., A. M., minister - Indianapolis, Ind.
Kate Griffith Hill, A. M., - - - - Carthage
Francisca Hopp Geiger, A. M., - - - Oberlin, Kan.
*Wm. V. Weir, B. S., M. D., - - - - -
Florence J. Mereness Tressler - - - Cincinnati, Ohio
Sue Williams, B. S., - - - - Carthage

1883

W. Henry Blancke, A. B., minister - - Davenport, Iowa
Fannie M. Dryden, A. M., ex-missionary to India Philadelphia, Pa.
Edwin S. Hoffman, A. B., minister - - Hornellsville, Ohio
*Mamie Hooker Daoust, A. B., - - - -
Adam Schafer, A. B., minister - - - Leipsic, Ohio
Henry A. Spielman, A. B., hardware merchant - Fairfield, Iowa
Jessie Williams, A. B., stenographer - - - Chicago
Lillie Zimmerman Schafer, - - - Leipsic, Ohio
Noah Fritz, A. B., manufacturer - - Onida, S. D.
D. Alban Kistler, B. S., traveling salesman - Des Moines, Iowa
Alice Biery Miller, B, S., - - - - Dixon

1884

Olive Hosford Fleck, A. B., - - - Dayton, Ohio
Lura V. Thompson, A. B., state organizer of C. W. B. M. Carthage
Roberta Brewer Risse, B. S., - - - - Carthage
Julia Ferris Hubbs, B. S., - - - - Clayton
Mattie Gray, B. S., - - - - Elderville

1885

Clara Browning Johnson, A. B., - - - Elderville
Minerva Holland, A. B., - - - - Carthage
*Prof. W. J. Martin, A. M., - - - - -
Ralph E. Scofield, A. B., attorney at law - - Kansas City, Mo.
A. L. Miller, B. S., physician - - - Dixon
J. E. Williams, A. B., merchant - - LaHarpe

1886

Edwin Bollman, A. B., minister - - - Davenport, Iowa
Sarah L. Hyde Mensel, A. B. - - Ann Arbor, Mich.
C. B. Lindtwed, A. B., minister - - - Northfield, Minn.
Lizzie Nace Holtgreve, A. B. - - Burlington, Iowa

1887

Paul B. Holtgreve, A. B., minister - - Burlington, Iowa
Rev. John H. Hyde, A. B., missionary - Ferezepore, Punjab, India
Julia Kellogg Goldwater, A. B., - - - Prescott, Ari.
*Sallie Manier, A. B. - - - - - -
Laura McColm Dysinger, A. B. - - - Lena
Rev. Prof. E. H. Mensel, A. M., instructor in Middle High German, University of Michigan - Ann Arbor, Mich.
Wm. H. Naffziger, A. B., minister - - Reedsburg, Ohio
Mary Tressler Newcomer, A. B. - - - - Carthage
Abbie Kuhl, A. B. - - - - - Carthage

1888

Hugh M. Bannen, A. B., minister - - - Rockford
Albert F. Ernst, A. B., minister - - - Wayne, Neb
Fred W. Hawley, A. B., minister - - Oklahoma City, O. T.
Rev. Albert Miller, A. B., missionary - Poabingsq, China.
Harry H. Whitten, A. B., physician - - - Nokomis

1889

W. S. Dysinger, A. B., minister - - - - Lena
C. B. Newcomer, A. M., professor - - - Carthage
Bess A. Tressler Maloney, A. B. - - Mt. Carroll

1890

Belle Bolton, B. S., teacher - - - - - Sonora
Prof. J. L. Mishler, B. S., teacher - - Ireton, Iowa
L. J. Motschmann, A. B., minister - - - Beatrice, Neb

1891

Prof. Cleophas C. O'Harra, A. B., post-graduate student - - - - - Baltimore, Md.

1892

C. B. Bekemeyer, attorney at law - - Keokuk, Iowa
H. G. Funk, A. B., minister - - - Litchfield
Mrs. Lillian Monk, B. L. - - - - Nevada, Iowa.
R. W. Saer, A. B., merchant - - - - Carthage

1893

Mollie Marvel O'Harra, B. S. - - - Baltimore, Md.

1894

Will M. Beck, A. B., theological student - Springfield, Ohio.
Nellie Cherrill, B. L. - - - - Carthage
George C. Cromer, A. B., theological student - Gettysburg. Pa.
Maggie Delo, B. S., teacher, Midland College - Atchison, Kan.
Joseph Hegener, A. B., theological student - Springfield, Ohio.
Herbert L. Jackson, B. S., law student - - Carthage
Penfield E. Mason, A. B., instructor - - - Carthage

1895

E. K. Cherrill, bank clerk - - - - Carthage
T. Edwin Gill, salesman in clothing house - - Carthage
J. Louis Nace, post-graduate student - Cambridge, Mass
C. W. Ramsey, teacher - - - - Dallas City
J. Kent Rizer, theological student - - Springfield, Ohio
Eddy Robbins - - - - - Carthage
Annie E. Sanford, missionary - - - Guntur, India
O. B. Turner, Assistant Principal - - - Carthage

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TWENTY-SIXTH

ANNUAL CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

CARTHAGE COLLEGE

CARTHAGE ILLINOIS.

COLLEGIATE YEAR 1897-'98.

CARTHAGE, ILL.:
DAVIDSON PRINTING HOUSE
1898.

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President and Professor of Mental and Moral Philosophy.

WILLIAM W. TROUP, A. M.,
Vice-President and Professor of Ancient Languages.

JOHN A. SHOTT, PH. M.,
Professor of Natural Science.

RALPH H. McKEE, A. M.,
Professor of Mathematics and Astronomy.

PENFIELD E. MASON, A. B.,
Professor of History.

MARTIN OSTERHOLM, A. M., PH. D.,
Professor of English and Modern Languages.

C. B. NEWCOMER, A. M.,
Professor and Principal of the Normal Department.

ALFRED G. KENT,
Assistant in the Normal Department.

FRED HENRY OTTMAN,

Teacher of Bookkeeping and Penmanship.

MISS COLOMA BROWNLEE,

Teacher of Shorthand and Typewriting.

MISS LAURA A. MANIER, A. M.,

Piano and Stringed Instruments.

MISS SUSAN M. DAVIDSON,

Teacher of Vocal Culture, Sight Singing, Chorus Director.

HON. O. F. BERRY,

Lecturer on Civil Government and Commercial Law.

J. A. SHOTT,

Secretary of the Faculty.

RALPH H. McKEE,

Librarian.

MRS. MARY L. NEWCOMER,

Treasurer of the Contingent Fund.

SAMUEL P. CAMP,

Janitor.

STUDENTS.

COLLEGE.

SENIOR CLASS.

NAME.	*COURSE.*	*RESIDENCE.*
Klaudius Knudten,	Classical,	Brecklum, Germany
Mabel Hope Martinis,	Literary,	Queen City, Mo
Charles Jay Tressler,	Classical,	Carthage

JUNIOR CLASS.

Royal Brown Brandon,	Scientific,	Fountain Green
Charles Colton Carlton,	Scientific,	Carthage
*George Victor Helfrich,	Scientific,	Carthage
John Miller Herbst,	Classical,	Carthage
Theodore Johannes Jensen,	Classical,	Brecklum, Germany
Byron Kelley,	Scientific,	Colusa
Alfred Richard Griggs Kent,	Scientific,	Peabody, Kan
Edwin F. Lied,	Scientific,	Orangeville
Philena Marvel,	Scientific,	Carthage
Herbert Spencer Salisbury,	Scientific,	Carthage
Morgan Lewis Webb,	Scientific,	Nauvoo
Matilda Emelina Wendt,	Scientific,	Newton, Ia

SOPHOMORE CLASS.

Roy Marean Badger,	Classical,	Springfield
James Arthur Baird,	Classical,	Carthage
Stephen A. Bolender,	Scientific,	Freeport
Hiram Gano Ferris,	Scientific,	Fountain Green
Bertha Lane,	Scientific,	Carthage
Samuel Naylor, Jr.,	Classical,	Carthage
Frederick W. C. Obert,	Scientific,	Ernest, Mo
Fred Henry Ottman,	Classical,	Central Bridge, N. Y
Emily Cynthia Pennock,	Scientific,	Carthage

*Suspended indefinitely.

ERRATA.

Page 6, "SOPHOMORE CLASS," after the third name, insert—
Maude Beatrice Elder, Scientific, Hamilton
Page 7, "SPECIAL STUDENTS," before the first name, insert—
Henrik Henriksen English, Sunderhaa, Denmark
Adding these names, the "SUMMARY," page 13, is changed to—

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Samuel Stewart Carlisle,	Scientific,	Adrian
Lucy Sholl Cherrill,	Scientific,	Carthage
Ruby Davidson,	Literary,	Carthage
Pearl Dorsey,	Scientific,	Carthage
Harold Gano Ferris,	Scientific,	Carthage
Virgil Fleming,	Scientific,	Denver
Grace Ann Garnett,	Classical,	St. Marys
Ida Josephine Helfrich,	Scientific,	Carthage
Bertha Herboth,	Scientific,	Queen City, Mo
Arthur Earl Isham,	Classical,	Cedar Rapids, Ia
Eula Elizabeth James,	Scientific,	Bentley
Harold Lee Jones,	Scientific,	Washington
Charles Romney McKee,	Scientific,	Clinton, Mo
Carrie E. Talbott,	Classical,	Plymouth
John Henry Utesch,	Classical,	Yutan, Neb

SPECIAL STUDENTS.

Mary Bertha Hyde,	Mathematics,	Carthage
Rev. Max Pinkert,	English and History,	Carthage
Rev. H. Schwanfelder,	English,	Oconomowoc, Wis

Klaudius Knudten,	Classical,	Brecklum, Germany
Mabel Hope Martinis,	Literary,	Queen City, Mo
Charles Jay Tressler,	Classical,	Carthage

JUNIOR CLASS.

Royal Brown Brandon,	Scientific,	Fountain Green
Charles Colton Carlton,	Scientific,	Carthage
*George Victor Helfrich,	Scientific,	Carthage
John Miller Herbst,	Classical,	Carthage
Theodore Johannes Jensen,	Classical,	Brecklum, Germany
Byron Kelley,	Scientific,	Colusa
Alfred Richard Griggs Kent,	Scientific,	Peabody, Kan
Edwin F. Lied,	Scientific,	Orangeville
Philena Marvel,	Scientific,	Carthage
Herbert Spencer Salisbury,	Scientific,	Carthage
Morgan Lewis Webb,	Scientific,	Nauvoo
Matilda Emelina Wendt,	Scientific,	Newton, Ia

SOPHOMORE CLASS.

Roy Marean Badger,	Classical,	Springfield
James Arthur Baird,	Classical,	Carthage
Stephen A. Bolender,	Scientific,	Freeport
Hiram Gano Ferris,	Scientific,	Fountain Green
Bertha Lane,	Scientific,	Carthage
Samuel Naylor, Jr.,	Classical,	Carthage
Frederick W. C. Obert,	Scientific,	Ernest, Mo
Fred Henry Ottman,	Classical,	Central Bridge, N. Y
Emily Cynthia Pennock,	Scientific,	Carthage

*Suspended indefinitely.

Tilden Frank Phillips,	Scientific,	Mt. Carroll
Bess Juliette Ringheim,	Scientific,	Nevada, Ia
George Edmunds Sanford,	Scientific,	Carthage
Ellen Babette Schuff,	Classical,	Burlington, Ia
Anna Letta Simmons,	Scientific,	Nevada, Ia
Charles Elmer Sparks,	Classical,	West Point
Charles Albert Webber,	Classical,	Ferris

FRESHMAN CLASS.

Samuel Stewart Carlisle,	Scientific,	Adrian
Lucy Sholl Cherrill,	Scientific,	Carthage
Ruby Davidson,	Literary,	Carthage
Pearl Dorsey,	Scientific,	Carthage
Harold Gano Ferris,	Scientific,	Carthage
Virgil Fleming,	Scientific,	Denver
Grace Ann Garnett,	Classical,	St. Marys
Ida Josephine Helfrich,	Scientific,	Carthage
Bertha Herboth,	Scientific,	Queen City, Mo
Arthur Earl Isham,	Classical,	Cedar Rapids, Ia
Eula Elizabeth James,	Scientific,	Bentley
Harold Lee Jones,	Scientific,	Washington
Charles Romney McKee,	Scientific,	Clinton, Mo
Carrie E. Talbott,	Classical,	Plymouth
John Henry Utesch,	Classical,	Yutan, Neb

SPECIAL STUDENTS.

Mary Bertha Hyde,	Mathematics,	Carthage
Rev. Max Pinkert,	English and History,	Carthage
Rev. H. Schwanfelder,	English,	Oconomowoc, Wis

ACADEMIC.

SENIORS.

Bessie Baker,	Carthage
Edward Bartholomew,	Elvaston
Clyde Cutler,	Carthage
George Harry Fonken,	Forreston
Viola Pearl Griffith,	Carthage
Minnie Heitman,	Yount, Mo
William Helen Noyes,	Carthage
Charles Ringheim,	Nevada, Ia
William Morrison Ruthrauff,	Carthage
Leonard Jacob Steenks,	Springfield
Mary Sweet Walker,	Elvaston
Vorta Magnetta Walker,	Elvaston
Anna Marie Wilhelmsen,	Stavanger, Norway

MIDDLE AND JUNIOR.

John Harvey Ashford,	Nevada, Ia
William Baird,	Carthage
Lewis A. Dunnaway,	Monroe, Wis
Henry Herman Heldberg,	Bremen
Daisy Hopkins,	Middle Creek
Emma James,	Bentley
Vernie Kennedy,	Bentley
Paul Mason,	Carthage
Iona Mathews,	Hickory Ridge
John Henry McCallister,	Bentley
Verne Ramsey Miller,	Elvaston
Nellie May Ruthrauff,	Carthage
Clyde Erwin Shepherd,	Carthage
Nina Pearl Shepherd,	Carthage
Rosa J. Shipe,	Warsaw
Charles Walter Stakemiller,	Mt. Carroll
George Earl Walter,	Fairview
Thomas Henderson Watkins,	Clinton, Mo
Blanche Edith Webb,	Nauvoo
Minnie Etta White,	Carthage

NORMAL.

Maude Allton,	Fountain Green
Robert L. Aitchison,	Carthage
Charles T. Boston,	Carthage
Frank Casburn,	Ferris
Zella Maude Chapman,	Elvaston
Marshall Grotts,	Burnside
Lillian Harper,	Carthage
W. M. H. Hoes,	Butler
Daisy Hopkins,	Middle Creek
John Howd,	Burnside
Emma James,	Bentley
F. W. King,	Carthage
Iona Matthews,	Hickory Ridge
Arthur Osgood,	Bentley
Elmer Powell,	Bentley
Mattie Powelson,	Burnside
Franklin Rock,	Cuba
Frank Rohrbough,	Elvaston
Mary Schell,	Unity, Mo
Clyde Shepherd,	Carthage
Nina Pearl Shepherd,	Carthage
H. H. Taylor,	Ferris
Minnie Leota Thomas,	Elvaston
George Milton Thomas,	Elvaston
Effie Todd,	Denver
Minnie Etta White,	Carthage
Shirley Heath Wilson,	Carthage

SUMMER NORMAL TERM.

Lulu Ayres,	Carthage
C. O. Avey,	Augusta
Minnie Baker,	Loraine
Hattie Bolton,	Sonora

Clara Brown,	Keokuk, Ia
Mrs. Mary Brinton,	Nauvoo
Vera Byler,	Durham
Edith Calder,	La Harpe
Ada Carroll,	Carthage
Florence Clark,	Stillwell
Isabel Cochrane,	Carthage
Fannie Comstock,	La Harpe
W. H. Daily,	Carthage
Gertrude Datin,	Nauvoo
Golden Davidson,	Carthage
Maude Dexter,	Augusta
Grace Fulton,	Powelton
Minerva Gabel,	Elderville
O. E. Garner,	Bowen
Maude Garwood,	Carthage
William Guseman,	Loraine
Mary Glynn,	Basco
Pearl Griffith,	Carthage
Mary Hawley,	Galesburg
Maude Hancock,	Basco
Eola Horney,	Elvaston
Lotta Jones,	Hamilton
C. D. Jones,	Augusta
Adele Ketchum,	La Prairie
Cleo Kingsley,	Carthage
Miss S. Knabe,	Basco
N Hope Layton,	Carthage
Edith Layton,	Carthage
Amy Lemaire,	Basco
Julia Linn,	Kankakee
Jennie MaGill,	Carthage
Lulu Main,	Carthage
Florence Martin,	Carthage
Iona Matthews,	Hickory Ridge
Mary McAuley,	Carthage

Georgia McElroy,	Clayton
Ollie May Milby,	Carthage
Stella Morris,	Ferris
Edith Richardson,	Ferris
Jessie Robertson,	Augusta
Lulu Sanderson,	Basco
Alice Soland,	La Harpe
Jesse Spenser,	Lima
Cora Sullivan,	Burnside
Jennie Sympson,	Carthage
Jessie Thomas,	Burnside
Gertrude Thompson,	Burnside
Rachel Wilson,	Niota
Florence Yeager,	Disco
Bertha Yeager,	Disco

BUSINESS.

Robert L. Aitchison,	Carthage
Frank Casburn,	Ferris
Arthur Osgood,	Bentley
Elmer Powell,	Bentley
Franklin Rock,	Cuba

MUSICAL.

Miss Anderson,	Burnside
Annie Boscow,	Carthage
Grace Burner,	Bentley
Miriam Bolles,	Denver
Maggie Clark,	Carthage
Blanche Camp,	Carthage
Miss Carroll,	Carthage
Lucy Cherrill,	Carthage
Ella Curts,	Carthage
Mrs. Carleton,	Carthage

Mary Dye,	Carthage
Edgar Dorothy,	Carthage
Miss Garwood,	Carthage
Ralph Foulds,	Carthage
Dorothy Ferris,	Carthage
Pearl Griffith,	Carthage
Emma Goodrich,	Carthage
Belle Genung,	Carthage
Ivy Galloway,	Carthage
Etta Galloway,	Carthage
Marguerite Geiger,	Carthage
Helen Geiger,	Carthage
Gratia Hyde,	Carthage
Bertha Herboth,	Queen City, Mo
Ivy Hubbard,	Adrian
Stewart Hoover,	Ferris
Ralph Lawton,	Carthage
Jennie Manussier,	Basco
Miss Madden,	Carthage
Ethel McAnulty,	Carthage
Pearl Mack,	Elvaston
Lillie McKay,	Burnside
Edith O'Harra,	Carthage
Cliffton O'Harra,	Carthage
Eva Patterson,	Carthage
Mary Schell,	Unity, Mo
Mrs. Stoner,	Burnside
Mabel Stoner,	Burnside
Grace Steckel,	Carthage
Daisy Spitler,	Carthage
Pearly Smith,	Middle Creek
Anna Sebree,	Carthage
Amanda Snyder,	Ferris
Bertie Tyner,	Carthage
Carrie Thompson,	Carthage
Ermine Wilson,	Carthage
Waldo Williams,	Carthage

SUMMARY.

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COLLEGIATE DEPARTMENT.

While the College believes that certain branches of study are essential to the highest intellectual development and the broadest culture of the student, yet it holds that different curricula of studies may be made to serve the great aims and ends of education. It therefore offers three courses, each leading to a degree, viz:

The Classical Course, leading to the degree of Bachelor of Arts.

The Scientific Course, leading to the degree of Bachelor of Sciences.

The Literary Course, leading to the degree of Bachelor of Letters.

The number of credits required for the completion of these courses is the same in each.

CLASSICAL COURSE.

This course places special emphasis upon the study of the language, literature and history of the Greeks and Romans. It includes full work in the English language, in Philosophy and History, as well as one year of Science, and Mathematics up to and including Trigonometry. Provision is made in the Junior and Senior years whereby the student may elect work in the Sciences, Mathematics and Modern Languages which is not offered in the requirements in this course. The Classical Course leads by the most approved means to the most perfect discipline of the mental powers, and all those who are looking forward to entering any of the learned professions, and especially those intending to enter the Christian ministry, are earnestly advised to pursue this course.

SCIENTIFIC COURSE.

This course emphasizes the study of the Natural Sciences and Mathematics, both with reference to their disciplinary value and their practical importance. Science is a required study throughout the whole course. It includes four years' work in English, full work in Philosophy, much history, and requires two years of German, and one year of French in lieu of the Greek and the additional

Latin required in the Classical Course. In the Junior and Senior years opportunity is offered for electing further work in the Modern Languages.

LITERARY COURSE.

This course emphasizes the study of the Modern Languages and English. Omitting the Classical Languages entirely, it compensates for this by requiring three years of German, English throughout the entire course, and two years of French. All the History and Philosophy, most of the Sciences, and Mathematics throughout the Freshman year, are required in this course. In the Junior and Senior years electives are offered in all the departments.

REQUIREMENTS FOR ADMISSION INTO THE FRESHMAN CLASS.

I. LATIN:

(*a*) Collar and Daniell's First Latin Book. Latin Grammar, Allen & Greenough, Harkness, or Bennett.
(*b*) Cæsar, four Books of Gallic War.
(*c*) Cicero, four orations against Catiline; For Roscius; For Archias.
(*d*) Vergil, Æneid, Books I.–VI., with Prosody.
(*e*) Prose Composition, Thirty lessons of Bennett's Latin Prose Composition.

II. Greek:

(*a*) White's Beginner's Greek Book. Goodwin's Greek Grammar.
(*b*) Xenophon's Anabasis, four Books.
(*c*) Prose Composition, the equivalent of the first twenty lessons of Jones' Greek Prose Composition.

III. HISTORY:

(*a*) United States History, Fiske, or its equivalent.
(*b*) General History, Myers, or equivalent.

IV. MATHEMATICS:

(*a*) Arithmetic complete.
(*b*) Algebra, through Quadratics, Wentworth, or equivalent.
(*c*) Geometry, Plane and Solid complete, with original problems. Wentworth, or equivalent.

V. ENGLISH:

(*a*) English Grammar, Orthography, Composition, Elementary Rhetoric, English Literature.

(*b*) The student will be expected to write an essay on some subject, correct in spelling, punctuation, sentence structure and paragraphing. The subjects for '98,-99, are Scott's Ivanhoe, Irving's Alhambra, Bryant's Thanatopsis, and Longfellow's Hiawatha.

VI. SCIENCE:

(*a*) Descriptive and Political Geography.
(*b*) Elementary Zoology, Packard.
(*c*) Physiology, Dunglison.
(*d*) Elementary Physics, Carhart and Chute.
(*e*) Physical Geography, Tarr.

Candidates for admission to the Freshman class of the Classical Course are examined in all of the above except V. *b* and VI. *b*, *c*. Real equivalents in the work of Ancient Languages will be accepted.

Candidates for admission to the Freshman class of the Scientific Course will be examined in all of the above except II.

Candidates for admission to the Freshman class of the Literary Course will be examined in all of the above except II., I. *d*., and half of I. *c*.

For a complete outline of all the courses in this department, see Academic Department.

Graduates of the Academic Department of Carthage College are admitted to the corresponding courses of the Collegiate Department without examination. Graduates of the Carthage High School and other accredited High Schools and Academies are admitted to the various courses of the college on the same conditions as those from our Academy.

CONDITIONED STUDENTS.

Applicants for admission to the Freshman class, who are deficient in not more than two subjects, may be admitted conditionally, all conditions to be removed by the end of the Freshman year, the students meanwhile maintaining good standing in their regular classes. Such conditions must be removed by credits received by taking the subjects with the regular Academic classes.

ADVANCED STANDING.

Candidates for admission to advanced standing must sustain an examination in the studies previously pursued by the class they propose to enter. Under this regulation, students are admitted at any time within the year. Under certain restrictions, credits, *without examination*, are given for work of like grade done in other institutions. In all cases the applicant must present a certificate of honorable dismissal from the college where these credits were earned.

SPECIAL STUDENTS.

Students who do not desire to pursue a regular course of study may pursue a select course if they are prepared to take the work of the regular classes pursuing those branches. Such students must take the examination with the regular class, are subject to all the rules and regulations of the college, and are expected to take sufficient work to occupy fully their time.

ELECTIVES.

All the studies of the Freshman and Sophomore years are required in all the courses. In the Junior and Senior years, in addition to the required studies, a liberal list of electives is offered. In addition to the general electives offered, (see Synopsis of Courses of Study) the student is permitted to elect any study offered in other courses and not required in his own. These electives are restricted in the sense that an election of a certain study at the beginning of the year imposes upon the student the requirement that in the following two terms he pursue certain studies designated by the faculty at the time of the first election. This regulation is intended to prevent the too common abuses of the elective system, and is favorable to the student who desires to acquire mastery in any particular line. When the election has been made and the cognate subjects assigned, no deviation can be made from this order except upon the application of the student and by the unanimous consent of the faculty.

SUBSTITUTIONS.

No substitution of elective work for required work, nor of required work in one department for different required work in another depart-

ment may be made without the approval of the majority of the Faculty, and with the concurrence of the Professor in whose department the proposed substitution is to be made.

REQUIREMENTS FOR GRADUATION.

The work covers a period of four years. The number of recitations a week necessary to complete the courses leading to a degree is eighteen for the Freshman and Sophomore classes, seventeen for the Junior class, and fifteen for the Senior class. No student will be recommended for graduation who does not take all the prescribed studies in the course leading to the degree applied for. Nor will anyone, without special permission of the Faculty, be permitted to have more recitations than the number assigned to the class of which he is a member.

SYNOPSIS OF COURSES OF STUDY.

The following synopsis exhibits in comparative form the several courses of study. For full description of the departments of instruction, see "Description of Courses," page 23, and following. In the following tables, the numbers at the right indicate the recitations per week in the respective subjects:

SYNOPSIS OF COURSES OF STUDY—FRESHMAN YEAR.

FIRST TERM.

For B. A. Degree.	For B. S. Degree.	For B. L. Degree.
English, Rhetoric and Analysis....3	English, Rhetoric and Analysis....3	English, Rhetoric and Analysis....3
Mathematics, Algebra.....4	Mathematics, Algebra.....4	Mathematics, Algebra.....4
History, Greek.....3	History, Greek.....3	History, Greek.....3
Latin, Cicero, De Senectute and Latin Prose.....4	Latin, Cicero, De Senectute and Latin Prose.....4	German, Grammar.....4
Greek, Lysias and Greek Prose....4	Science, Biology.....4	Science, Biology.....4

SECOND TERM.

English, Rhetoric and Analysis....3	English, Rhetoric and Analysis....3	English, Rhetoric and Analysis....3
Mathematics, Algebra.....4	Mathematics, Algebra.....4	Mathematics, Algebra.....4
History, Greek and Roman.....3	History, Greek and Roman.....3	History, Greek and Roman.....3
Latin, Livy, Book I., Sight Reading.4	Latin, Livy, Book I., Sight Reading.4	German, Grammar and Reader....4
Greek, Iliad, Books I and II....4	Science, Comparative Zoology....4	Science, Comparative Zoology.....4

THIRD TERM.

English, Rhetoric and Analysis....3	English, Rhetoric and Analysis....3	English, Rhetoric and Analysis....3
Mathematics, Plane Trigonometry.4	Mathematics, Plane Trigonometry.4	Mathematics, Plane Trigonometry.4
History, Roman.....3	History, Roman.....3	History, Roman.....3
Latin, Livy, Book XXI, Sight Reading.....4	Latin, Livy, Book XXI., Sight Reading.....4	German, Grammar and Easy Prose.4
Greek, Iliad, Books III.-VI....4	Science, Botany.....4	Science, Botany.....4

SYNOPSIS OF COURSES OF STUDY—SOPHOMORE YEAR.

FIRST TERM.

FOR B. A. DEGREE.	FOR B. S. DEGREE.	FOR B. L. DEGREE.
English, Old English.....3	English, Old English.....3	English, Old English.....3
Bible, O. T. History.....3	Bible, O. T. History.....3	Bible, O. T. History.....3
Latin, Odes and Epodes of Horace.4	Mathematics, Spherical Trigonometry.....4	French, Grammar and Reader.....4
Greek, Electra of Sophocles.....4	German, Grammar.....4	German, Modern Selections.....4
Science, Chemistry.....4	Science, Chemistry.....4	Science, Chemistry.....4

SECOND TERM.

English, Chaucer, Spenser.....3	English, Chaucer, Spenser.....3	English, Chaucer, Spenser.....3
Bible, O. T. and N. T. History.....3	Bible, O. T. and N. T. History.....3	Bible, O. T. and N. T. History.....3
Latin, Horace, Satires, Epistles ...4	Mathematics, Analytical Geometry.4	French, Grammar and Reader.....4
Greek, Medea of Euripides.....4	German, Grammar and Reader....4	German, Modern Selections.....4
Science, Chemistry.....4	Science, Chemistry.....4	Science, Chemistry.....4

THIRD TERM.

English, Merchant of Venice, The Princess.....3	English, Merchant of Venice, The Princess.....3	English, Merchant of Venice, The Princess.....3
Bible, N. T. History.....3	Bible, N. T. History.....3	Bible, N. T. History.....3
Latin, Quintilian, Book X 4	Mathematics, Analytical Geometry.4	French, Grammar and Easy Prose.4
Greek, Plato's Apology and Crito..4	German, Grammar and Easy Prose.4	German, Modern Selections.....4
Science, Physiology.....4	Science, Physiology.....4	Science, Physiology.....4

SYNOPSIS OF COURSES OF STUDY—JUNIOR YEAR.

FIRST TERM.

For B. A. Degree.	For B. S. Degree.	For B. L. Degree.
English, English Literature..... 3	Science, Physics..... 4	English, English Literature.....3
History, Mediæval History. 4	German.....4	History, Mediæval History. 4
Philosophy, Psychology..... 4	French, Grammar and Reader 4	German.....3
	Philosophy, Psychology 4	French.....3
		Philosophy, Psychology..... 4

SECOND TERM.

English, English Literature..... 3	Science, Physics..... 4	English, English Literature.... 3
History, Mediæval History... 4	German 4	History, Mediæval History..... 4
Philosophy, Psychology..... 4	French, Grammar and Reader. . 4	German 3
	Philosophy, Psychology.... 4	French 3
		Philosophy, Psychology 4

THIRD TERM.

English, English Literature 3	Science, Physics..... 4	English, English Literature 3
History, Mediæval History..... 4	German.... 4	History, Modern Europe..... 4
Philosophy, Logic..... 4	French, Grammar and Easy Prose4	German..... 3
	Philosophy, Logic..... ..4	French 3
		Philosophy, Logic..... 4

A number of the following Electives, sufficient to give the student 17 recitations a week, must be taken:
Latin—Open to students of A. B. Course, 3 terms, 4 hours a week.
Greek—Open to students of A. B. Course, 3 terms, 3 hours a week.
German—Open to students of A. B. Course, 3 terms, 4 hours a week.
French—Open to students of A. B. Course, 3 terms, 4 hours a week.
Mediæval and Modern History—Open to students of B. S. Course, 3 terms, 4 hours a week.
Trigonometry and Analytical Geometry—Open to students of A. B. and B. L. Courses, 3 terms, 4 hours a week.
Physics—Open to students of A. B. and B. L. Courses, 3 terms, 4 hours a week.
Bible Study—Open to students of all courses, 3 terms, 2 hours a week.

SYNOPSIS OF COURSES OF STUDY—SENIOR YEAR.

FIRST TERM.

FOR B. A. DEGREE.	FOR B. S. DEGREE.	FOR B. L. DEGREE.
English, Masterpieces.....2	English, English Literature.....3	English, Masterpieces.....2
Philosophy, Ethics.....3	Philosophy, Ethics.....3	Philosophy, Ethics.....3
History of Civilization.....3	Science, Geology.....3	History of Civilization.....3

SECOND TERM.

English, Masterpieces.....2	English, English Literature.....3	English, Masterpieces.....2
Evidences, Natural Theology.....3	Evidences, Natural Theology.....3	Evidences, Natural Theology.....3
Political Science, Political Economy3	Science, Geology.....3	Political Science, Political Economy3

THIRD TERM.

English, Masterpieces.....2	English, English Literature.....3	English, Masterpieces.....2
Evidences, Christian Evidences.....3	Evidences, Christian Evidences.....3	Evidences, Christian Evidences.....3
Political Science, Am. Gov't.....3		Political Science, Am. Gov't.....3

A number of the following ELECTIVES, sufficient to give the student 15 recitations a week, must be taken:
Latin—Open to students of A. B. Course, 3 terms, 3 hours a week.
Greek—Open to students of A. B. Course, 3 terms, 3 hours a week.
Hebrew—Open to students of A. B. Course, 3 terms, 3 hours a week.
German—Open to students of B. S. and B. L. Courses, 3 terms, 3 hours a week.
French—Open to students of B. S. and B. L. Courses, 3 terms, 3 hours a week.
Italian—Open to students of all Courses, 3 terms, 3 hours a week.
Spanish—Open to students of all Courses, 3 terms, 3 hours a week.
Philosophy—Open to students of all Courses, 3 terms, 2 hours a week.
Astronomy—Open to students of all Courses, 1st and 2d terms, 2 hours a week.
Geology—Open to students of A. B. and B. L. Courses, 1st and 2d terms, 3 hours a week.
Political Science—Open to students of B. S. Course, 3 terms, 3 hours a week.
English Masterpieces—Open to students of B. S. Courses, 3 terms, 2 hours a week.
Mineralogy—Open to students of all Courses, 3d term, 3 hours a week.

DESCRIPTION OF COURSES.

The following detailed statement of courses furnishes an explanation of the preceding synopsis. In most of the departments the description follows the order of the collegiate years in which the various studies are pursued. Wherever this plan is deviated from, the description itself will make sufficiently clear what classes are expected to pursue the branches indicated:

Latin.

The purpose of the instruction in this department is: First, to acquaint the student thoroughly with the principles of the language itself. Second, to give the student a knowledge of the development of the language, of its main literary features, and an acquaintance with the moral and social problems which the Romans endeavored to solve. In the early part of the course the chief writers of the late Republic and early Empire are read. Rapid reviews of forms and syntax are given, and literal translations into English are insisted upon. Auxiliary to these aims, composition based upon the text which is being read is required frequently.

As the student acquires larger familiarity with the language, the stylistic and historical elements are brought into prominence, and by reading large portions of their masterpieces a critical examination of the literary characteristics of the various authors is attempted.

FRESHMAN YEAR:

FALL TERM: Cicero, De Senectute is read. The indebtedness of the English language to the Latin is pointed out by constant reference to Cicero's large and varied vocabulary. Latin composition one hour a week.

WINTER TERM: Livy, Book I. Sight reading is required from Viri Romæ, Nepos, Sallust, Vergil's Æneid VII., or Cicero, Pro Poeta Archia.

SPRING TERM: Livy, Book XXI., and selections from XXII. Sight reading continued. Prose composition from dictated sentences

based on the text read. One hour a week is devoted to the study of Roman Literature (Prof. Wilkins' Primer.) *Freshman Course, four hours a week required; of Classical and Scientific students.*

SOPHOMORE YEAR:

FALL TERM: Horace, Odes, Books I. and II., and Epodes. Review of Latin Prosody and study of Horatian Metres. The pupil is required to memorize several odes assigned by the instructor. Kelsey's Sketch of Roman Mythology. Sight reading. Composition from dictation.

WINTER TERM: Horace, Satires and Epistles, selected. Scansion of the entire text read. Sight reading and composition continued.

SPRING TERM: Quintilian, Institutes, Books X. and XII. The attention of the student is directed to the differences in syntax and diction as exhibited by Quintilian and the authors previously read. Sight reading. *Sophomore Course, four hours a week; required of Classical students.*

JUNIOR YEAR:

FALL TERM: Juvenal and Persius. Scansion of the entire text read. Study of the life and manners of the Romans under the early Emperors. Sight reading.

WINTER TERM: Tacitus, Germania and Agricola. Study of the Colonial Policy of Imperial Rome. The characteristics of Tacitus' Style.

SPRING TERM: Cicero, Tusculan Disputations. This work will be read in large installments, and much time will be given to the discussion of the subject matter of the Dialogue under consideration. *Junior Course, three hours a week: elective for all who have taken the Sophomore Course.*

SENIOR YEAR:

FALL TERM: Suetonius, lives of the Cæsars. *Julius, Augustus, Tiberius.*

WINTER TERM: Tacitus, History and Annals; or selected letters of Pliny and Cicero.

SPRING TERM: Lucretius, De Natura Rerum; or some one or more of the philosophical works of Cicero.

The Senior Course, three hours a week, is elective, and is subject to change to suit the requirements of the class.

English.

Three objects are kept in view in this department:

(1) To study the correct use of English as a written and as a spoken language.

(2) To study the language historically.

(3) To study the History of English and American Literature and to become acquainted with some of the Masterpieces.

The first two years are concerned with the first two objects; the first year with Composition and Rhetoric, the second year with the historical development of the language and the study of Chaucer, Spenser and their contemporaries. For these years the instruction aims to be practical and disciplinary. The last two years are intended to give the student a general survey of the History of English and American Literature and to widen his appreciation and interest for the representative works.

FRESHMAN YEAR:

Genung's Practical Rhetoric will be used throughout the year. This text will form the basis of all theoretical work, and the principles therein found will be applied in the analysis of selections in Genung's Rhetorical Analysis, to be supplemented by standard selections from both English and American authors. Special attention will be given to paraphrasing, abstracting and composition work. This work is required for all courses. Three hours a week.

SOPHOMORE YEAR:

A part of the year will be given to the study of Anglo-Saxon. Smith's Old English Grammar and Bright's Anglo-Saxon Reader will be used. The remainder of the year the class will study Gilmore's "English Language and Its Early Literature," and History of English Literature (as far as Shakespeare), in connection with the study of Chaucer's Canterbury Tales and Spenser's Færie Queene. Five essays and one oration will be required during the year. This work is required for all courses. Three hours a week.

JUNIOR YEAR:

The History of English Literature in connection with the study of Masterpieces will be continued throughout the year. The texts used are: Minto's Characteristics of the English Poets, Manual of English Prose Literature, and The Georgian Era. Special attention will be given to the study of the Elizabethan writers. The tudent will be required to do original investigation from references

furnished by the instructor. Two essays will be required each term. This work is required for all courses. Three hours a week.

SENIOR YEAR:

History of Literature and the study of Masterpieces throughout the year. This work is required for students in Classical and Literary courses, elective for students in the Scientific conrse. The first term will be devoted to the authors of the Nineteenth Century, Saintsbury's Nineteenth Century Literature. The remaining two terms recent writers and Amertcan Literature will be studied. Text book, Painter's Introdudtion to American Literature.

Each student will be required to make an independent study of one work for each half year, embodying the results in a critical essay. A criticism on one essay of a fellow student in the course will also be required.

History

The first aim of the Department of History as managed at present is to give the student a clear view of the whole field of political history, especially forcing upon his attention the unity of political history, the relation of events as cause and effect, and the salient features and most important events of each period. The course begins in the Freshman year with the study of Greek and Roman History. Here it is shown how the Greeks, though politically unfortunate, developed a civilization and a culture in many ways still unsurpassed, which the city by the Tiber, after it had grown to be the head, first of Latium, then of Italy, then of the world, made its own; and how this vast power, intellectually Greek, politically Roman, became the leaven of the world and is the most important fact in the world's history.

In the Junior year follows a general view of European History since the Fifth Century A. D., showing the student how at this time was added the second great element in history, the Teutonic, and how all history since is but the account of the progress of the society formed by the fusion of the Roman and the Teutonic elements

FRESHMAN YEAR:

FALL TERM: Greek History (Oman).
WINTER TERM: Roman History (Pelham).
SPRING TERM: Roman History (Pelham).
Freshman Course, three hours a week, required for all degrees.

JUNIOR YEAR:

FALL TERM: Mediæval History (Emerton).
WINTER TERM: Mediæval History (Emerton).
SPRING TERM: English History.
Junior Course, four hours a week, required of Classical and Literary students; elective for Scientific students.

SENIOR YEAR:

FALL TERM: Guizot's History of Civilization.
WINTER TERM: Political Economy (Walker).
SPRING TERM: American Government (Bryce)
Senior Course, three hours a week, required of Classical and Literary students; elective for Scientific students.

Mathematics and Astronomy

The work in this department is so arranged that the student has the opportunity of completing the course, or of taking only such studies as are essential. The work is as practical as it can be made, the aim being:

(*a*) The cultivation of orderly, continuous, and independent thought;
(*b*) The preparation of the student for the mathematical operations necessitated in an intelligent and exhaustive study of the Sciences.

ALGEBRA. The first few weeks are devoted to a rapid review of that portion of Algebra preceeding Quadratics. This review is followed by a careful study of the Binomal Theorm, Chance, Choice, Series, Logarithms, Equations of Higher Degree, etc. Wells' College Algebra is the text used. Required of Freshmen in all courses, first and second terms, four hours a week.

PLANE TRIGONOMETRY. Wells' or Wentworth's text is used. Required of Freshmen in all courses, third term, four hours.

SPHERICAL TRIGONOMETRY. Wells' or Wentworth's text is used. It is the custom to devote the latter part of the term to the theory and practical work of surveying. Required of Sophomores in the Scientific course, four hours. Elective in other courses.

ANALYTIC GEOMETRY. The aim is, by the close study of the elements of this important branch of Mathematics, to acquaint the student with analytical methods of investigation and to make him more skillful in the use of algebraic processes. The text used is Bowser's, together with outside problems. Required of Sophomores in the Scientific course, second and third terms, four hours. Elective in other courses.

CALCULUS. This course consists of a brief but careful treatment of operations of Differential and Integral Calculus. This course is an elective open to those who have completed the work in Analytic Geometry. The text used is Taylor's. Three hours through the year.

ASTRONOMY. The aim of this course is to give a general knowledge of the facts of Astronomy, with a clear conception of the principles underlying them and an understanding of the methods of arriving at these facts. Young's text is used. This is a two-hour elective for the first and second terms, open to students of all courses.

Greek.

Liberal provision for the study of the Greek Language and Literature is offered in the Classical Course. Believing that as a disciplinary study and as an aid to the interpretation and appreciation of literature, the Greek language possesses many superior advantages, we have accorded it prominent attention in the Freshman and Sophomore years. The aim in the first part of the course is to lead to the mastery of the grammatical structure of the language and the acquirement of a good vocabulary. To this end, frequent exercises are given in prose writing from sentences based on the text which is being read. Written translations of difficult and historic passages are required from time to time. In the latter part of the course the student, having acquired facility in translation, should be able to appreciate to some degree the strength and beauty of Greek Literature and gain some conception of the influence of Greece on human thought and culture. The Greek of the Junior and Senior years is elective, and all Classical students are urged to pursue the study throughout the course.

FRESHMAN YEAR:

FALL TERM: Lysias. The course in Lysias includes the eight orations complete given in Morgan's Lysias. Rapid review of forms and syntax. Twenty lessons in Greek Prose. Notes are given the class on the Attic Orators and the Athenian Law Courts.

WINTER TERM: Lysias continued first four weeks. Homer, Iliad Books I. and II. Special attention given to Greek Prosody and the dialectic peculiarities of Homer.

SPRING TERM: Homer, Iliad, Books III.-VI. Notes are given on the Homeric Question.

Freshman course, four hours a week; required.

SOPHOMORE YEAR:

FALL TERM: Sophocles, Electra. Scansion of the Choral Odes.

WINTER TERM: Euripides, Medea. In connection with this course and the preceding, notes are given on Dramatic Literature and Representation on the Greek Stage.

SPRING TERM: Plato, Apology and Crito (Dyer). Study of the Dialogue. Notes on Socrates as a public teacher

Sophomore Course, four hours a week; required.

JUNIOR YEAR:

FALL TERM: Demosthenes, On the Crown. Notes on the Public Life of the Greeks.

WINTER TERM: Theocritus. Greek Literature, (Jebb's Primer).

SPRING TERM: Aristophanes, Clouds.

Junior Course, three hours a week; elective.

SENIOR YEAR:

FALL TERM: Thucydides, Book VII.

WINTER TERM: Justin Martyr, Apology Maior.

SPRING TERM: New Testament. Notes on Hellenistic Greek.

Senior Course, two hours a week; elective.

Natural Science.

The instruction in this department will be sufficiently technical to meet the requirements of those who wish to make the study of Science a specialty. The chief aim, however, will be to give the student a practical knowledge of each subject taken up.

The work described under the head of this department is required for those taking the scientific course only, unless otherwise indicated.

FRESHMAN YEAR:

Biology: The work for the year will be introduced by the use of Parker's Elementary Biology. Four hundred pages of the text and four hours weekly of laboratory work will be required. In addition

to the animal types described in the biology, the following will be studied: Campanularia, grantia, sea anemone, sea urchin, squid, earthworm, locust, spider, ascidian, amphioxus, perch, frog, and pigeon. Near the close of the winter term the study of plant products and tissues will be taken up. This will be followed by the examination of typical algæ, mosses, vascular cryptogams and phanerogams. Bessey's text will be used in general botany and Gray's manual in plant analysis.

The biological laboratory occupies a separate room and is supplied with works of reference, compound microscopes, and other apparatus and reagents necessary for thorough practical work. The student is taught the use of the microscope and is required to draw and describe accurately what he sees. A fee of two dollars is charged for materials consumed.

Freshman Course, four hours a week; required for B. S. and B. L. degrees.

SOPHOMORE YEAR:

FALL TERM: Chemistry, Remsen's Briefer Course.

WINTER TERM: Chemistry, Remsen's Briefer Course.

The students are required to perform all the experiments in this book and to take notes of their work. A fee of $1.50 per term is required for use of apparatus and chemicals. In addition to this the student must pay for all apparatus broken by him.

SPRING TERM: Advanced Physiology, Thornton.

Sophomore Course: Four hours a week, required for all degrees.

JUNIOR YEAR:

FALL TERM: Physics, Barker or Deschanel. Special attention is given to elementary Mechanics during the Fall Term:

WINTER TERM: Physics continued.

SPRING TERM: Physics completed.

Junior Course, four hours a week.

The Juniors in all courses may elect Advanced Chemistry when sufficient reasons are given.

SENIOR YEAR:

FALL TERM: Geology, Le Conte's Manual.

WINTER TERM: Geology, Le Conte's Manual.

SPRING TERM: During the Spring Term an elective in Science may be taken. For reasons of weight, other electives may be taken.

Philosophy.

The work in this department aims at opening to the student the entire field of Philosophy and acquainting him with the history of its main features. With this in view much time is spent in the study of the Psychological endowments of man, so that the student may have the facts before him with which to construct a sound system of Philosophy.

In part, to sum up the facts furnished by Psychology and co-ordinate them with those supplied from other sources, but chiefly to acquaint the student with the main problems of Philosophy, a course of introduction is given as preliminary to the study of the History of Philosophy. The courses in this department are as follows:

JUNIOR YEAR:

FALL TERM: Psychology, Ladd's Outlines of Descriptive Psychology.

WINTER TERM: Psychology or Philosophy.

SPRING TERM: Logic, Jevons-Hill.

Junior Course, four hours a week; required for all degrees.

SENIOR YEAR:

An elective in Pure Philosophy is offered for the Seniors in all courses. Some special attention will be given to the relation of the Natural Sciences to Philosophy. Texts for the year's work will be selected on Introduction to Philosophy, History of Philosophy, and Modern Philosophy. Ethics is required of all students in the Fall Term.

Senior Course, three hours a week.

Hebrew.

This is offered as an elective during the Senior Year, because of its disciplinary value and the fact that it reveals to us the oracles of God in the original tongue. The courses are:

1. Benginner's course. Harper's Method and Manual, and Elements of Hebrew. Three hours a week. Elective.

2. Same as 1.

3. Selections from Exodus and Samuel. Harper's Syntax. Three hours a week. Elective.

German.

The object of instruction in this study is two fold:

(1) To give the student a knowledge of German as a spoken language;

(2) To introduce him to German Literature and its Masterpieces.

Study for the first two years will be concentrated on the Grammar and the translation of *much* easy prose and poetry. The latter two years will be occupied with a study of German thought as interpreted by its masterpieces. Prose composition and colloquial exercises will be required through the entire course.

FIRST YEAR:

The first term will concern itself with German Grammar, supplemented in the second term by the Reader, and in the third term by the reading of easy prose selections. Joynes Meissner's Grammar and Joynes' Reader will be used. The class will translate such texts as Hœher als die Kirche (von Hillen), Immensee (Storm), Traumereien (Leander), Das Kalte Herz (Hauff), Germelshausen (Gerstaecker), and others. Colloquial exercises and prose composition.

This work is required for the Scientific and Literary Courses. Five hours a week.

SECOND YEAR:

Modern Prose and Poetry. Selections will be made from the following: Heine's Harzreise, Freytag's Die Journalisten, Rieh's Burg Neideck, Bernhardt's Novelletten Bibliothek, Storm's Geschichten aus der Tonne, Auerbach's Brigitta, Grillparzer's Sappho, Eichtendorff's Aus dem Leben eines Taugenichts, Die Jungfrau von Orleans (Schiller); Herman and Dorethea (Gœthe); Emilia Galotti (Lessing). Prose composition and colloquial exercises through the year. This work is required for the Scientific and Literary courses. Four times a week.

THIRD YEAR:

FIRST TERM: Scheffel's Ekkehard, or Trompeter von Sækkingen, Minna von Barnhelm (Lessing).

SECOND TERM: Gœthe's Faust, Part I. Lectures on Faust and its Interpretation.

THIRD TERM: Lessing's Nathan Der Weise. Conversation.

This work is required for the Literary Course, and may be elected by Scientific students. Three hours a week.

FOURTH YEAR:

FIRST TERM: Das Nibelungen Lied, Simrock's German Translation. Conversation. History of German Literature.

SECOND TERM: Gœthe's Faust, Part II. Lectures. Conversation. History of German Literature.

THIRD TERM: Engelhaaf's Deutsche Literaturgeschichte. Conversation.

This work is elective for all courses, provided the third year has been taken, or the consent of the instructor has been obtained. Three hours a week.

Bible Study and Evidences.

The educational value of the Bible, no less than its influence in moulding life and character and developing our modern civilization, entitles it to a place in a course of liberal studies. Moreover, the hostile attacks made in recent years upon the Bible as the inspired word of God render it a matter of the highest importance that the educated classes know from personal and original investigation exactly what is in the Bible. Accordingly, provision has been made for instruction in the Bible and Evidences in the Sophomore, Junior and Senior years.

In Bible study the method is inductive, consisting in careful examination of facts and the discovery of principles of interpretation and examination that can be applied to further study. The book is its own testimony. The principles of inductive logic are also carefully applied in the work in Christian Evidences.

SOPHOMORE YEAR:

FIRST HALF YEAR: Old Testament History, (Dr. Smith.)

SECOND HALF YEAR: New Testament History, (Dr. Smith.)

The most critical and difficult portions of the Old Testament History will be either omitted entirely, or presented to the class by the instructor in the form of notes and outlines. In the New Testament History, that portion treating of the wars of the Maccabees, Alexander and Hellenism, and the Roman Conquest and Occupation, will be given the class in brief outline.

Sophomore Course, three hours a week; required for all degrees.

JUNIOR YEAR:

The work of the Junior year is subject to change. It is elective for all the courses, two hours a week, and will be given if there is a sufficient demand for it. For 1898-99, the work will incl Sacred Geography, Biblical Antiquities, and Inductive Study Luke's Gospel.

SENIOR YEAR:

FALL TERM: An elective will be provided for this term.

WINTER TERM: Natural Theology, Valentine. Essays required.

SPRING TERM: Evidences of Christianity, Wright. Essays required.

Senior Course, Winter and Spring Terms, three hours a week; required for all degrees.

Romance Languages.

French.

The course will consist for the first two years in the reading of *much* easy prose, followed in the third year by a study of French Classics. Coloquial exercises and prose composition will form an important part of the work throughout the course.

FIRST YEAR:

The first term will be concerned with the study of Edgren's Grammar, supplemented in the second term by Super's Reader, and in the third term by the reading of easy prose.

There will be read such selections as, Verne's Le Tour du Monde en Quatre-Vingt Jours (Edgren), Halevy's L' Abbe Constantin, Alphonse Daudet's La Belle-Nivernaise, De Vigny's Le Cachet Rouge.

This work is required for the Scientific and Literary Courses. Four times a week.

SECOND YEAR:

Modern prose and poetic selections will be read. A choice will be made from the following works: Fortier's Sept Grands Auteurs de XIX Siecle, Merimee's Colomba, Erckmann-Chatrian's Le Conscrit, Alexandre Dumas' Les Trois Mousquetaires, Victor Hugo's Les Miserables, Bowen's French Lyrics, Jules Lemaitre, Warren's French Literature.

This work is required for the Literary Course, and is an elective for all who have had the first year's work. Three hours a week.

THIRD YEAR:

The work in this year will be as follows:

FIRST TERM: French Classics, Corneille's Polyeucte, Moliere's Le Tartuffe, Racine's Athalie.

SECOND TERM: French Classics. Racine's Phedre, Moliere's Le Bourgeois Gentilhomme, Racine's Esther.

THIRD TERM: Victor Hugo's Ruy Blas and Hernani. French Dramatic Literature and its effect on the English Drama. Subject for Essay in French.

Elective, three times a week.

Italian.

Italian will be offered alternate years with Spanish. The principal object of this course will be to enable the student to read any ordinary historical or scientific Italian prose.

FIRST TERM: Grandgent's or Edgren's Italian Grammar will be used. Reader.

SECOND TERM: Reader continued and selections from easy prose.

THIRD TERM: Much easy prose and four Cantos of Dante's Divina Commedia.

Prose composition through the year. Two hours a week. Elective.

Spanish.

There is a growing interest in this country for the Spanish language, due principally to the close commercial relations of the United States to many of the Spanish speaking nations on our own continent. To meet this popular demand, Spanish will be offered alternate years with Italian.

FIRST TERM: Edgren's Spanish Grammar, Matzke's Spanish Reader.

SECOND TERM: Matzke's Spanish Reader.

THIRD TERM: Modern selections.

Prose composition throughout the year. Two hours a week. Elective.

ACADEMIC DEPARTMENT.

The Academic Department is designed for those preparing for College. It is intended also to meet the wants of those who have not the time nor means to take a regular course, and yet desire the training of a first class Academy. The courses herein offered are in a sense complete, affording training in the Ancient Languages, Mathematics, Natural Sciences, English and Literature, as well as in the Common School branches. It is of the highest importance that the work preparatory for entering college should be carefully and accurately done. For the most part the work of the Academy is done by the regular College Professors. This Department comprises three courses, viz: The Classical, Scientific and Literary, preparing respectively for entrance into the Classical, Scientific and Literary Courses of the College.

The work of the first year, consisting of the common school subjects, is the same in each of the courses. Those completing in a satisfactory manner any of the prescribed courses will receive diplomas, and will be admitted into the corresponding courses of the College Department without examination.

The work in the Latin Language represents three years' time. The work in Greek represents two years' time. Those who have advanced sufficiently in Mathematics, English and the Sciences to enter College or the Senior Academic year, but are deficient in the Latin or Greek, or both, will here find special arrangements *by increasing the number of recitations a week* for their rapid advancement in these studies.

The following has been added to the work of the Scientific and Literary Courses:

The student will be required to write an essay on some subject, correct in spelling, punctuation, sentence structure and paragraphing. The subjects for '98-'99 are Scott's Ivanhoe, Irving's Alhambra, Bryant's Thanatopsis, and Longfellow's Hiawatha.

Candidates for admission must give satisfactory evidences of good moral character, and must exhibit the necessary proficiency in Spelling, Reading, and the rudiments of Arithmetic, Grammar and Geography. Students deficient in spelling will be required to take

this branch, whatever may be their grade of work in other branches.

As a rule, eighteen recitations a week are all that a student will be allowed to take. But in case some of the work is review for the student and he shows the ability to accomplish successfully more than the usual assignment and thus prepare himself earlier for the Freshman Class, he will be allowed to take as much work as is consistent with thoroughness.

Courses of Study.

FIRST YEAR:

The same in all courses.

FIRST TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography.

SECOND TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; Geography.

THIRD Term: Arithmetic; English Grammar; Geography; Penmanship; Reading and Orthography.

SECOND YEAR.

FIRST TERM.

CLASSICAL.	SCIENTIFIC.	LITERARY.
Beginning Latin.	Beginning Latin.	English, Higher Lessons.
Arithmetic.	Arithmetic.	Arithmetic.
Civil Government.	Civil Government.	Civil Government.
United States History.	United States History.	United States History.

SECOND TERM.

Beginning Latin.	Beginning Latin.	English, Higher Lessons.
Arithmetic.	Arithmetic.	Arithmetic.
United States History.	United States History.	United States History.
Orthography.	Orthography.	Orthography.

THIRD TERM.

Beginning Latin.	Beginning Latin.	English, Higher Lessons.
Arithmetic.	Arithmetic.	Arithmetic.
United States History.	United States History.	United States History.
Orthography.	Orthography.	Orthography.

THIRD YEAR.

FIRST TERM.

CLASSICAL.	SCIENTIFIC.	LITERARY.
Latin, Cæsar and Prose. Algebra. Greek, White's Beginner's Book. General History.	Latin, Cæsar and Prose. Algebra. History, Myers' General. Zoology.	Latin, Beginning Latin. Zoology. Algebra. English. Composition. Word Analysis.

SECOND TERM.

Latin, Cæsar and Prose. Algebra. Greek, White's Beginner's Book.	Latin, Cæsar and Prose. Algebra. History, Myers' General. Physiology.	Latin, Beginning Latin. English, Whitney's Essentials. Algebra. Physiology. Word Analysis.

THIRD TERM.

Latin, Cicero and Prose. Algebra. Greek, White's Beginner's Book. General History.	Latin, Cicero and Prose. Algebra. History, Myers' General. Physiology.	Latin, Beginning Latin. English, Genung's Introduction to Rhetoric. Algebra. Physiology. Word Analysis.

FOURTH YEAR.

FIRST TERM.

CLASSICAL.	SCIENTIFIC.	LITERARY.
Latin, Cicero and Prose. Greek, Anabasis. Geometry. Physical Geography.	Latin, Cicero and Prose. Geometry. Physical Geography. English Literature and Elementary Rhetoric.	Latin, Cæsar and Prose. English Literature and Elementary Rhetoric. Geometry. Physical Geography. General History.

SECOND TERM.

Latin, Vergil and Prose. Greek, Anabasis. Geometry. Physics.	Latin, Vergil and Prose. Geometry. Physics. English Literature and Elementary Rhetoric.	Latin, Cæsar and Prose. English Literature and Elementary Rhetoric. Geometry. Physics. General History.

THIRD TERM.

Latin, Vergil and Prose. Greek, Anabasis. Geometry. Physics.	Latin, Vergil and Prose. English Literature and Elementary Rhetoric. Geometry. Physics.	Latin, Cicero and Prose. English Literature and Elementary Rhetoric. Geometry. Physics. General History.

NORMAL DEPARTMENT.

This department has been created for teachers and those intending to teach. The following course of study includes in addition to the so-called common branches the subjects usually taught in our high schools. The work of the first year is intended to meet all the demands of the County Superintendent of Schools for second grade certificate; the work of the second year, with the exception of physics, zoology, and botany, for first grade certificate; the work of the third and fourth years prepares for state certificate.

Students who cannot spend the four years necessary for the completion of the entire course may arrange personally for special work. A moderate degree of freedom in the substitution of studies from one year to another will be given, provided always that the student gives positive evidence of his fitness to enter upon the branches contemplated. To any student completing the course of study as herein outlined will be given a diploma of graduation.

Our students have a decided advantage over those who attend schools which afford only a normal course. Besides our normal course, which is second to none, students may select from the regular college courses whatever studies they may desire, provided their qualifications are such that the studies may be pursued with profit. This gives the student the advantage of an elective course in addition to the prescribed course. The following tables indicate the subjects offered in this department, the texts used and the hours per week devoted to each:

COURSE OF STUDY—NORMAL DEPARTMENT.

FIRST YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week*
Arithmetic	White	5
English Grammar	Reed & Kellogg	5
U. S. History	Fiske	3
Orthography and Reading	Irish	4
Penmanship	Pierce	2

WINTER TERM.

Arithmetic	White	5
English Grammar	Reed & Kellogg	5
U. S. History	Fiske	3
Geography	Barnes	3
Physiology	Dunglison	3
Pedagogy	State Course	2
Orthography	Irish	2

SPRING TERM.

Arithmetic (review)	White or Ray	5
English Grammar (review)	Reed & Kellogg	5
U. S. History (review)	Fiske	3
or		
Physiology	Dunglison	3
Geography	Barnes	3

SECOND YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week*
Algebra	Wentworth	5
Bookkeeping	Williams & Rogers	2
Civil Government	Selected	3
Latin	Collar & Daniell	5
English	Whitney	2

WINTER TERM.

Algebra	Wentworth	5
English	Whitney	2
Latin	Collar & Daniell	5
Elementary Psychology	Halleck	3

SPRING TERM.

Algebra	Wentworth	5
English	Whitney	2
Latin	Collar & Daniell	5
School Organization	Selected	2

COURSE OF STUDY—NORMAL DEPARTMENT.

THIRD YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week*
Geometry	Wentworth	5
General History	Myers	3
English Literature	Swinton	2
Cæsar and Prose	Allen & Greenough	5
Zoology	Packard	3
Greek, Elective	White	5

WINTER TERM.

Geometry	Wentworth	5
General History	Myers	3
English Literature	Swinton	2
Applied Psychology	Roark	2
Cæsar and Prose	Allen & Greenough	5
Greek, Elective	White	5

SPRING TERM.

Geometry	Wentworth	5
General History	Myers	3
English Literature	Swinton	2
Cæsar and Prose	Allen & Greenough	5
Botany	Gray	3
Greek, Elective	White	5

FOURTH YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week*
Advanced Algebra	Wells	4
English	Genung	3
Physical Geography	Tarr	4
Cicero & Prose	Allen & Greenough	4
History of Education	Quick	2
Anabasis, Elective	Goodwin	5

WINTER TERM.

Advanced Algebra	Wells	4
English	Genung	3
Physics	Carhart & Chute	4
Vergil	Greenough	4
Philosophy of Education	Tompkins	2
Anabasis, Elective	Goodwin	5

SPRING TERM.

Trigonometry	Wentworth	4
English	Genung	3
Physics	Carhart & Chute	4
Vergil	Greenough	4
Anabasis, Elective	Goodwin	5

Those who expect to present themselves for examination for State Certificate will pursue, in addition to the studies catalogued in the third and fourth years, such other studies as they intend to elect for examination.

Summer Normal Term.

For the benefit of those teachers who desire to spend part of their vacation reviewing, and for the benefit of those preparing for examination, the Normal Department holds a summer session. The session for the summer of 1898 will begin June 6th and continue six weeks, ending July 15th. The term will be two weeks longer than that of former years. Many teachers of the county have asked for this change.

Thorough instruction will be given in all the branches required for both first and second grade certificates. In addition to these, other advanced branches, for which sufficient call is made, will be offered.

We urge the students to attend, if possible, the entire session. No student can afford to miss a single session, owing to the rapidity of the review and the necessity of covering the ground but once. A good opportunity will here be given to any who may be deficient in some study and may wish to make up the deficiency in order to enter college.

The instructors for the Summer Normal are: Profs. C. B. Newcomer and J. A. Shott of the College, and Prof. L. Fairfax of the Warsaw Schools. Superintendent Califf has kindly consented to take charge of the class in the State Course of Study. Many teachers do not yet understand the methods of handling the Revised Course, and they should by all means take advantage of this opportunity to learn them.

All instruction will be based primarily on the county text books, yet any other good texts may be used instead, as the subjects will be taught largely by topical outline.

TUITION.—Students in the common branches alone, for the entire term, will be charged $5.00; those taking the sciences, $6.00. Those not attending the entire term will be charged at the rate of $1.00 per week. Good board and furnished rooms can be procured at very low rates.

For information on any subject relating to the normal work, address

C. B. NEWCOMER, *Principal Normal Department,*

CARTHAGE, ILL.

BUSINESS DEPARTMENT.

This department has been organized for the benefit of those who wish to take a course qualifying them directly for business pursuits. The work contemplates the mastery of all those studies which are of immediate and practical value in commercial life. The department is so arranged as to afford the student the best opportunities for pursuing such studies at much below the usual cost. Students can enter these classes at any time and will be advanced as rapidly as their progress will justify. The course covers two years, but those prepared to take advanced standing will be allowed to do so at their entrance. Special rooms are assigned to the students of this department, where they have the assistance and oversight of the instructor during regular school hours. He arranges the recitations according to the needs and convenience of the student, and the necessities of the work.

Students in the business department have the privilege of taking any studies in the Collegiate or Academic Departments which they may be prepared to pursue with profit.

Course of Study.

FIRST YEAR:

FIRST TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; United States History; Civil Government.

SECOND TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; United States History; Geography.

THIRD TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; United States History; Geography.

SECOND YEAR:

FIRST TERM: Book-keeping; Business Forms: Arithmetic; Commercial Law; Business Writing; Business Orthography; Penmanship.

SECOND TERM: Book-keeping; Business Forms; Arithmetic; Commercial Law; Business Writing; Business Orthography; Penmanship.

THIRD TERM: Book-keeping; Banking; Arithmetic; Business Orthography; Actual Business Practice; Penmanship.

The work in the Business Practice will require of the student application of the principles which he has learned to actual business transactions. Ample facilities will be afforded the students to become thoroughly familiar with business methods and habits.

Shorthand and Typewriting.

Facilities are afforded for those who desire to take courses in Shorthand and Typewriting.

TYPEWRITING: Course of ten lessons, one hour each, $4.00; single lessons, each 40 cents.

SHORTHAND: Course of twenty lessons, one hour each, $8.00; single lessons, each 50 cents.

Use of Typewriter, one hour per day, per month $3.00.

MUSICAL DEPARTMENT.

Students in this department are under the tuition of Miss Laura A. Manier and Miss Susan M. Davidson. Pupils of all grades of advancement are admitted to instruction.

Course of Study.

Piano Forte.

In the study of this instrument special attention is paid to developing a pure touch and correct phrasing. A complete course will be given to those who desire to become proficient in Piano Forte playing. Students are required to play in the class rehearsals and public recitals. No definite time can be fixed for completing the course of study for some will make twice the progress of others. The regular course will include knowledge of Thorough-base and Harmony.

FIRST GRADE: Lebert & Stark's Piano School, Vol. I; Plaidy's Technical Studies; selections from the following works: Kœhler's Op. 50; Czerny's Op. 139; Biehl; Lœschorn; Duverney Op. 120; Sonatinas and pieces by Clementi, Reinecke, Schumann Lichner.

SECOND GRADE: Selections; Daily Technique; Czerny's Velocity Studies, Op. 299; Heller's Phrasing Studies; Bach's Easier Inventions and Preludes; Chopin Waltzes; Mendelssohn's Songs Without Words. Pieces selected from standard authors.

THIRD GRADE: Selections; Daily Technique; Cramer; Berger's Etudes; Bach's "Well-tempered Clavichord;" Czerny's Classic School No. 1; Sonatas of Mozart, Beethoven, Schubert; Concert selections from Weber, Mowskowski Raff, Chopin, Mason and Thalberg.

A thorough course will also be furnished for organ and violin.

Vocal Culture.

The course of study in this department includes instruction in position and breathing; exercises in tone production; advanced exercises for the flexibility and strengthening of the voice; exercises in the singing of vowels to insure distinct enunciation; the study of ballads by the best composers, arias and other selections from oratorios and operas. It is intended that pupils should attain not only a technical skill in the use of the voice, but that they should acquire also true musical feeling and expression, enabling them to pass beyond the bounds of mechanical singing into the realm of artistic

achievement. Terms 50 cents per hour. Half hour lessons are given as being less wearisome, two or more half hour lessons being given each week.

Sight Singing.

The ability to read music at sight is a necessary part of a thorough musical education. It is indispensable for those who wish to take up vocal culture, or do efficient choir or chorus work. Terms: Individual lessons 50 cents per hour; classes of not less than ten, two dollars for term of twenty lessons.

Chorus Work.

Training in choir or chorus work given at reasonable rates.

POST-GRADUATE DEPARTMENT.

The College gives opportunity to its own graduates and others to do post graduate work. Under the direction of the Faculty, courses of study have been outlined leading to the degrees of A. M., M. S., and M. L.

At present the College does not undertake to give class room instruction in the subjects leading to advanced degrees. It offers to direct the studies of the applicant, to conduct the examinations and to confer the appropriate degrees upon such as complete creditably the prescribed course and submit an approved thesis.

The time for the completing of the various courses is not limited, but the candidate will be required to make stated reports of his progress, and is expected to pursue sustained and systematic study. Final examinations must in all cases be conducted at the college. Others may be arranged for elsewhere at the expense of the candidate.

The fees charged are: For matriculation, $5.00; examination, $10.00; diploma, $5.00.

Pamphlet containing full outline of all courses in the Graduate Department will be sent on application to the President of the College.

GENERAL INFORMATION.

Carthage College is under the auspices of the General Synod of the Evangelical Lutheran Church in the United States of America. It was chartered in 1870 and graduated its first class in 1875. It is controlled by the Central Illinois, Northern Illinois, Southern Illinois, Iowa and Wartburg Synods, which are the stockholders and elect the Trustees.

Instruction.

The instruction in all departments is thorough and practical. It is intended to be helpful to the student, but in no sense a substitute for his individual exertion. The aim is to afford the student the very best discipline in habits of independent thinking, and the methods employed are made to conform to this end. The class-room work is carried on by means of recitations from suitable text-books, free discussion in classes, presentation of theses, frequent examinations and reviews, dictation of notes, use of blackboards and charts. Lecture courses in the higher classes are given throughout the year.

Original work on the part of the student is encouraged and insisted upon as a requisite to graduation.

Courses of reading on special topics, supplementary to the subjects pursued in class, are laid out and the student is required to follow these up carefully and at stated times to give a synopsis of the parts gone over. At the discretion of the teacher, work of this kind may be received in place of a review of the text-book, preparatory to examination. The results so far as this system has been practiced have been very gratifying.

Literary Societies.

Two Literary Societies are sustained in connection with the College. The membership is about the same in each. Sessions are held on Friday evening of each week, and to those connected with them they afford, besides access to their libraries, valuable aid in composition, debate, elocution and parliamentary rules. All candidates for degrees

are required to unite with one or the other of these societies, and regularly to take part in the literary exercises for three years. For the most part the College accepts the work done in the societies in lieu of rhetorical exercises under the direction of the Faculty, though essays, orations, abstracts, paraphrases and critiques are required from time to time in the Department of English. All College students are required to give eight performances in the societies each year; three in the Fall term, three in the Winter term and two in the Spring term. Those who do not fully meet these requirements of the societies are reported to the Faculty at the end of each term by the critics. Such students are then required to give an equivalent in public performance or to make up the delinquency in such other way as the Faculty may require. *The performance of this literary work is a requirement for graduation.*

In the Academic and Normal Courses, no one is graduated without performing society duties for one year. The halls are elegantly frescoed, carpeted and furnished with every needed convenience, presenting an attractive and homelike appearance, and inviting to participation in the exercises of the sessions.

Galileo Society.

This Society was organized September, 1870. Lately the members have added a fine Kranach & Bach piano to their hall. The society possesses a well selected library of nearly 1000 volumes, to which have been added the present year by purchase many standard classical and recent books.

Cicero Society.

This Society was organized September, 1871. It possesses also a large and well selected library, to which constant additions are being made from the proceeds of a library fund. There were added within this year many excellent volumes. Valuable additions to the furniture of the hall were also made.

Libraries.

The College owns a library of about 3,000 volumes, to which the students have access under certain necessary restriction. Within the past year valuable additions were made to the library by donations.

Reading Rooms.

Two Reading Rooms have been fitted up in connection with the College. Here the students have access to daily, weekly, monthly and quarterly periodicals of all kinds. The rooms are also provided with dictionaries and other books of reference for the use of the students. These rooms are also used as waiting rooms by those students who have to wait between recitation periods.

Collegian.

The College Faculty, aided by correspondents elected by the Literary Societies, Alumni and Christian Associations, issues the Carthage Collegian monthly. It is devoted to the interests of Carthage College and higher education, and aims to keep the Alumni, patrons and friends of the institution in touch with its interests. In this respect it has been of marked service. It both needs and deserves the support of all who are interested in the welfare of the College.

Religious Exercises.

The tone of the institution is positively religious. The value of the religious element in culture is distinctly recognized, in that it is made a prominent feature in the instruction and prevailing sentiment of the College. The study of the Bible is also given prominent attention in all the courses leading to degrees.

The work of each school day is commenced with prayer. Students are expected to attend public worship on the Lord's Day. Those who are members of the different denominations are expected to worship in their respective churches. The Baptists, Episcopalians, Christians, Methodists, Presbyterians, German Lutherans and English Lutherans have organizations and regular services in the city. Students who have no church connections are urged to select the church which they prefer to attend and become regularly identified with the Sabbath School of the same.

Y. M. C. A. and Y. W. C. A.

These Associations are in a flourishing condition, and the influence from this source contributes largely to the religious life and excellent order of the school. A separate room on the first floor of the College Building has been set apart for the use of these Associations. The

room is neatly papered, carpeted and furnished so as to present a very attractive and homelike appearance. A fine chapel organ has been procured for their use. The missionary library numbering about one hundred volumes is said to have been the first one of its kind in the state of Illinois.

During the past year a "Gospel Extension" Library of forty-two volumes, given by Mrs. Anna L. Scott in memory of her brother, Rev. D. L. Tressler, Ph. D., has been placed under the control of these organizations. The Associations are doing a work which is of incalculable benefit to young men and women separated from the care of pious homes, as well as to those who previously have had little religious culture.

Separate prayer meetings are held Tuesday evening of each week, of about three-quarters of an hour in length. On Friday evening of each week a union meeting for prayer and praise is held.

These Associations conducted two Bible classes this year, one for the study of general Bible topics and one for the study of missions, using as an outline the book "St. Paul and the Gentile World."

Examinations.

Examinations are held from time to time as it is thought necessary or advantageous to the progress of the students. At the discretion of the teacher, other work assigned by him may be received as a substitute for an examination.

Promotions to advanced standing are made upon the basis of satisfactory examinations in the studies pursued, or the performance of such special work as the teacher may direct.

Class Standing.

A record of scholarship and deportment of each student is kept, and the report of the same is sent to the parents or guardian at the end of each term, and more frequently if requested.

Terms and Vacations.

The collegiate year consists of thirty-seven weeks, divided into three terms, as follows: Fall Term of twelve weeks, Winter Term of thirteen weeks, and Spring Term of twelve weeks.

There are two vacations, the usual holiday vacation lasting about

two weeks, and a long summer vacation of thirteen weeks. (See Calendar, 2d page of cover). By this arrangement students can pursue their studies continuously during term time, and make the very best use of the long vacation for procuring the means necessary for prosecuting the work in the Institution. It is very important that students should commence with the beginning of the year and continue regularly until its close. Those so beginning will be *certain* to find satisfactory classification. Students may enter at any time and take such places as they are prepared for in classes already formed; but the best results are secured by those who commence at the opening of the year.

The Tressler Prize.

A friend of the College has donated a sum of money, the interest of which is applied annually for the purchase of a gold medal to be given to that member of the Senior class who shall write and present the best essay on a given subject assigned by the Faculty. Mr. M. M. Anderson, of Hamilton, Ill., received this prize in '97. The subject for 1897-'98 is "The Deserted Village."

The Leon W. Berry Prize.

Leon W. Berry, of the city of Carthage, offers annually a gold medal to that regular member of the Freshman class who attains the highest average grade in all the studies of the regular College Courses for the year. Last year the Faculty found it impossible to decide between two members of the class, and two "Berry" prizes were given—to Mr. Samuel Naylor, Jr., of Carthage, Ill., and to Miss Emily Pennock, of Carthage, Ill.

Faculty Prize in Oratory.

The Faculty offers a prize to that member of the Junior class who in public contest shall produce the best original oration, regard being had for both thought and delivery.

Scholarship Contest.

The College offers a scholarship entitling the holder to one year's free tuition in any department of Carthage College to that young man or young lady who shall, on Wednesday of the Hancock County Fair, in a public contest, deliver the best original oration, judged both as

to *matter* and *manner*. The Judges are to be selected by the executive committee of the Fair Association, the successful oration to become the property of the College.

Grounds and Buildings.

The College grounds cover an area of about eighteen acres, and are situated in a pleasant part of the city, half a mile from the public square.

The main building of the College is a large and beautiful brick structure, built in modern style and well finished throughout. It is entirely devoted to recitation rooms, society halls, association room, chapel, library, reading room, museum, office, laboratory and waiting rooms, all of which are large, well lighted and furnished with all needed appliances. The rooms have been greatly improved in appearance within the past year.

Expenses.

The necessary expenses at Carthage College are exceedingly low. Special efforts are made to reduce each item of expense to the very lowest, so as to bring the advantages of a thorough collegiate education within the reach of all. A few students defray a part of their expenses by doing light work about the buildings and grounds, as well as in the city.

Tuition, Fall Term	$10.00
Tuition, Winter Term	12.00
Tuition, Spring Term	10.00
Tuition, per year	32.00
Music, 20 lessons on piano or organ	10.00
Voice, 20 lessons	10.00
Shorthand, for course of 20 lessons	8.00
Typewriting, for course of 10 lessons	4.00
Use of typewriter per month, one hour a day	3.00
Board, with furnished room, in private families, per week, $2.50 to	3.00
Board, Room Rent and Tuition, per year, $115.00 to	150.00

For students taking Chemistry a fee of $1.50 per term is charged to cover cost of materials used.

For students taking Freshman Science—Biology, Zoology and Botany—a fee of $2.00 is charged for the year.

For students in Mineralogy a fee of $1.00 per term is charged.

Students entering for less than a term will be charged $1.00 per week for tuition.

In all cases tuition must be paid in advance. In cases only of protracted sickness will tuition be refunded.

Students leaving the institution without duly notifying the President and adjusting their accounts, will be charged full term rates.

Those graduating from the College are charged a fee of $5.00 for diploma, and those graduating from the other departments, a fee of $2.00.

Money may be deposited with the President of the College to be disbursed as directed by parents or guardian. Moneys and other valuables may be deposited for safe keeping in the vault of the College.

Apparatus.

The College has a fine collection of physical and chemical apparatus, including some rare and costly pieces, a Queen & Co.'s direct vision spectroscope being recently added. Within the past year a biological laboratory has been equipped with compound microscopes and all necessary apparatus, reagents, charts, models and other appliances. A choice collection has been formed of minerals for the use of students in Mineralogy and Geology. A good beginning of a museum has been made, to which additions are constantly received.

Athletics.

An Athletic Association is sustained, including the Faculty and the great body of the students. Thus far attention has been given chiefly to outdoor sports. The Foot Ball team has been successful in every contest with but a single exception, since its organization three years ago A regular Field Day has been added to the program of Commencement Week. Plans are in progress looking toward the erection and equipment of a gymnasium with regular instruction in physical training.

Government.

The Government is vested in the Faculty. It is mild, yet firm. It is the aim as far as possible to combine both the civil and parental modes of governing. Good conduct and faithful work are required. To secure these ends appeal is made to the honor and moral sense of the students. Students who cannot be reached by such means, and whose connection with the College is profitable neither to the institution nor to themselves, are not permitted to remain as a disturbing influence to the great body of diligent and faithful students.

College Rules.

Few rules are needed for the government of the students. The following have been found serviceable and necessary for the safety and good order of the College community. Their strict observance is insisted upon:

1. All students, except those who are residing with their parents or guardians in the city of Carthage, are under the direct control of the Faculty, and are required to observe study hours during the day and evening from 8 A. M. to 11 A. M.; from 2 P. M. to 4 p. m.; and from 6:30 P. M.

2. During study hours all students remaining between recitation periods are required to be in the Waiting Rooms while not reciting.

3. Students from abroad are not permitted to attend entertainments which are not approved by the Faculty.

4. All students from a distance are required to obtain permission of the President before leaving the city.

5. Students having recitations at 8:55 and 10:10 A. M. are required to attend chapel.

Location.

Carthage is a pleasant, growing city of nearly three thousand inhabitants, the county seat of Hancock county, and closely connected by railroads with Quincy, Keokuk, Burlington and Galesburg. The city is healthful, quiet and moral; it licenses no liquor traffic, and is free from many of the temptations to vice common in larger cities. The people are noted for their intelligence and hospitality.

On arrival students will call at the President's office in the College building where they will receive every attention and all necessary information in regard to board, rooms, classification, text books, etc.

For Catalogue or other information, address the President,

REV. J. M. RUTHRAUFF, D. D.,

CARTHAGE, ILLINOIS.

Form of Bequest.

In making bequests, care should always be taken to use the correct and full corporate title of the College; also to state clearly the amount of bequest, and any special use, if any, for which it may be designed. The following general form of bequest is recommended:

I give, devise and bequeath to Carthage College, Carthage, Illinois, the sum of $.....(or if real estate or other property, describe accurately), said funds, or proceeds thereof, to be held by it and applied to the endowment fund of Carthage College (or if for other purpose, state clearly). But in case the College should cease to be controlled by the General Synod of the Evangelical Lutheran Church of the United States of America, or a Synod or Synods belonging thereto, said money or proceeds shall revert to the Board of Education of said General Synod for the support of some other General Synod College on the present Carthage College territory.

Endowment.

The effort during the past year to raise the funds necessary to meet the proposition of Mr. Henry Denhart, who offers to give $10,000 and other assistance to the College, provided that the church will cancel the indebtedness and greatly increase the endowment fund of the institution, and provided that the citizens of Carthage and vicinity build one new building, and make needed improvements on the present building and grounds, has been attended with commendable success. The present indications are that the entire amount will be secured within the next collegiate year.

ALUMNI.

‡Officers of the Association.

PRESIDENT	CHARLES L. FERRIS, M. D., '76
FIRST VICE-PRESIDENT	E. K. CHERRILL, '95
SECOND VICE-PRESIDENT	MARY TRESSLER NEWCOMER, '87
THIRD VICE-PRESIDENT	LIZZIE NACE HOLTGREVE, '86
SECRETARY	ROBERTA BREWER RISSE, '84
TREASURER	S. H. FERRIS, '82
BIOGRAPHER	ROBERT L. CASBURN, M. D., '80
ORATOR	REV. EDWIN S. HOFFMAN, '83

1875.

Ida Harris King, A. M.	Prescott, Iowa
Maggie Taylor Bowers, A. M.	Boise City, Idaho
Kate Thummel Fisher, M. S.	Prairieville
James M. Cromer, A. M., minister	Kansas City, Mo

1876.

*Hon. George A. Anderson	
Charles L. Ferris, A. M., physician	Carthage
T. J. Scofield, A. M., Esq., attorney at law	Chicago
Ina Elder, A. M., teacher	Decatur
Sophronia Nesbit, A. M., missionary organizer	Des Moines, Iowa
Hattie Scofield Cromer, A. M.	Kansas City, Mo
Rose Spitler Scofield, A. M.	Carthage
*Grace Cherrill, B. S.	
Ben L. Cress, M. S., civil engineer	Boulder, Col
J. M. Dempster Davidson, A. M., minister	Chicago
Oscar M. Easterday, A. M., real estate agent	Lincoln, Neb

*Deceased.

‡The Faculty and Officers of the Association desire to have the correct address of each graduate. It will be deemed a favor if the President of the institution and the Secretary of the Association be informed of errors and changes in address.

Joseph C. Elder, M. S., farmer - - - Carthage
J. Q. A. Kimmel, M. S., L.L. B., attorney at law - Murphysboro
Judge A. A. Wolfersperger, M. S,, attorney at law - Sterling

1877

Laura A. Manier, A. M., teacher of music - - Carthage
George H. Albright, A. M., minister - - Roca, Neb
James E. Weir, A. M., minister - - - - Salida, Col
J. J. Williams, A. M., Esq., attorney at law - Kansas City, Mo
*Addie Logan Ray, A. M. - - - - -
Julia Scofield McKemey, A. M. - - - Fairfield, Iowa
Jennie Fletcher, M. S., ex-missionary - - - Bentley
Mary Hawley Findley, M. S. - - - Peabody, Kan
Emma Sample Freeman, M. S. - - - Red Bluff, Cal

1878

Prof. L. P. Cravens, A. M., principal of schools Lake City, Minn
Charles S. DeHart, A. M., banker - - - - Carthage
John F. Fair, A. M., physician - - - - Freeport
Junius Colton Ferris, A. M., E. M., banker - - Carthage
William G. Gettle, A. M., minister - - Steinauer, Neb
E. Clark Hughes, A. M., attorney at law - - Seattle, Wash
J. Frank Keefer, A. M., physician - - - Sterling
George W. Loop, A. M., farmer - - - - Huntsville
Maggie Cravens, A. M., teacher - - - Middle Creek
Emma J. Cromer Ladd, A. M. - - Des Moines, Iowa
Charles M. McMillan, M. S., farmer - - - Denver
Prof. M. G. Rohrbaugh, M. S., teacher - - Omaha, Neb

1879

Peter Ewald, A. M., minister - - - Lyons, N. Y
W. G. Geiger, A. M., Esq., attorney at law - - Tipton, Iowa
Frank H. Helsell, A. M., lawyer and banker Sioux Rapids, Iowa
Albert B. Shrader, A. M., minister - - Nevada, Iowa
H. M. Swope, A. M., Esq., attorney at law - - - Quincy
Caroline Bartlett Crane, A. M., minister Kalamazoo, Mich
*Flora Manier Geiger, A. M. - - - -

Nellie Nesbit Hunn, A. M. - - - Des Moines, Iowa
Wm. H. Weaver, M. S., physician - - - - Chicago
Hon. Scott M. Ladd, M. S., L.L. D., Judge of Supreme Court - - - - Des Moines, Iowa
Prof. Fernando Sanford, M. S., Head Professor of Physics in Leland Stanford, Jr., University Palo Alto, Cal
Alice E. Crawford Sanford, M. S. - - Palo Alto, Cal
Hattie L. Tillapaugh Shrader, M. S. - - Nevada, Iowa
Mary V. Thompson, M. S., teacher - - - Carthage

1880

Stephen K. Bittenbender, A. B. - - - San Jose, Cal
W. D. Henkle, A. B., journalist - - - Anna
Herman Juilfs, A. M., minister - - - White Oak, Ohio
Andrew S. Zimmerman, A. M., minister - Lansing, Mich
Emma DeHart Hughes, A. M. - - - Seattle, Wash
Frank M. Campbell, M. S., physician - - Claflins, Kan
Robert L. Casburn, M. S., physician - - - Carthage
Joseph G. Gilchrist, M. S., civil engineer - St. Joseph, Mo
Minnie Gilchrist Woods, M. S. - - - Wade, Fla
M. Blanche Griffin McArthur, M. S. - - - Hamilton
M. Inez Robbins Bickford, M. S. - - - Plymouth

1881

Prof. Wm. F. Ebright, A. M., Superintendent of Schools Platte, Neb
Jos. H. Miller, A. M., physician - - David City, Neb
R. D. Zimbeck, A. M., physician - - Montevideo, Minn
*Clifford C. Musser, A. B. - - - -
Will O. Carleton, B. S., traveling salesman - St. Paul, Minn
Frank C. Harris, B. S., traveling salesman - Chicago
Ednar F. Hurdle, B. S., farmer - - Wheatland, Wyoming
Josiah Kuhn, B. S., minister - - - - Morristown
*W. P. Overman, B. S. - - - - -
John K. Reed, B. S., minister - - - Oregon
Walter Vanzile, B. S., farmer - - - - Carthage
Adell Griffin Barnett, B. S. - - - Kansas City, Mo

Mary Overman Damrell, B. S. - - - Red Cloud, Neb

1882

Oscar E. Aleshire, A. M., Esq., insurance agent - Chicago
Stephen H. Ferris, A. M., banker - - - - Carthage
A. C. T. Geiger, A. M., district judge - - Oberlin, Kan
Frank Wertz, A. M., attorney at law - - - Forreston
George H. Schnur, Jr., A. M., minister - St. Paris, Ohio
Kate Griffith Hill, A. M. - - - - - Carthage
Francisca Hopp Geiger, A. M. - - - Oberlin, Kan
*Wm. V. Weir, B. S., M D. - - - -
Florence J. Mereness Tressler - - Cincinnati, Ohio
Sue Williams, B. S. - - - - - Carthage
David E. Mack, A. M., county judge - - Carthage

1883

W. Henry Blancke, A. B., minister - - Davenport, Iowa
Fannie M. Dryden, A. M., ex-missionary to India - Albany, N. Y
Edwin S. Hoffman, A. B., minister - - Hornellsville, N. Y
*Mamie Hooker Daoust, A. B. - - - -
Adam Schafer, A. B., minister - - Weston, Ohio
Henry A. Spielman, A. B., hardware merchant - Fairfield, Iowa
Jessie Williams, A. B., stenographer - - Chicago
Lillie Zimmerman Schafer - - - Weston, Ohio
Noah Fritz, A. B., manufacturer - - - Onida, S. D
D. Alban Kistler, B. S., publisher 4328 Oakenwald Street, Chicago
Alice Biery Miller, B. S. - - - - - Dixon

1884

Olive Hosford Fleck, A. B. - - - - Dayton, Ohio
Lura V. Thompson, A. B., state organizer C. W. B. M. - Carthage
Roberta Brewer Risse, B. S. - - - - Carthage
Julia Ferris Hubbs, B. S. - - - - Clayton
Mattie Gray, B. S. - - - - - Elderville

1885

Clara Browning Johnson, A. B. - - - Keokuk, Iowa
Minerva Holland, A. B. - - - - Carthage
*Prof. W. J. Martin, A. M. - - - -

Ralph E. Scofield, A. B., attorney at law - Kansas City, Mo
A. L. Miller, B. S., physician - - - - Dixon
J. E. Williams, A. B., merchant - - - Laharpe

1886

Edwin Bollman, A. B., minister - - - Davenport, Neb
Sarah L. Hyde Mensel, A. B. - - - Ann Arbor, Mich
C. B. Lindtwed, A. B., minister - - - Northfield, Minn
Lizzie Nace Holtgreve, A. B. - - Burlington, Iowa

1887

Paul B. Holtgreve, A. B., minister - - Burlington, Iowa
Rev. John H. Hyde, A B., missionary - Ferezepore, Punjab, India
Julia Kellogg Goldwater, A. B. - - - Prescott, Ari
*Sallie Manier, A. B. - - - - -
Laura McColm Dysinger, A. B. - - - Camden, Ind
Rev. E. H. Mensel, A. M., Ph. D., instructor in Middle High German, University of Michigan - Ann Arbor, Mich
Wm. H. Naffziger, A. B., minister - - Reedsburg, Ohio
Mary Tressler Newcomer, A. B. - - - Carthage
Abbie Kuhl Rizer, B. S. - - - - - Shipman

1888

Hugh M. Bannen, A. M., minister - - - Rockford
Albert F. Ernst, A. M., minister - - Wayne, Neb
Rev. Fred W. Hawley, A. M., synodical missionary - - - - - - Oklahoma City, O. T
Rev. Albert Miller, A. B., missionary - Poabingsq, China
Harry H. Whitten, A. B., physician - - - Peoria

1889

W. S. Dysinger, A. B., minister - - - Camden, Ind
Prof. C. B. Newcomer, A. M., Prin. Normal Dep't - Carthage
Bess A. Tressler Maloney, A. B. - - - Mt. Carroll

1890

Belle Bolton, B. S., teacher - - - Reinbeck, Iowa
Prof. J. L. Mishler, B. S., teacher - - - Reinbeck, Iowa
L. J. Motschmann, A. B., minister - - Beatrice, Neb

1891

Prof. Cleophas C. O'Harra, A. B., graduate student, Johns Hopkins University - Baltimore, Md

1892

C. B. Bekemeyer, attorney at law - - - Springfield
H. G. Funk, A. B., minister - - - - Nokomis
Mrs. Lillian Monk, B. L. - - - - Nevada, Iowa
R. W. Saer, A. B., merchant - - - - Carthage

1893

Mollie Marvel O'Harra, B. S. - - - Baltimore, Md

1894

Rev. Will M. Beck, A. B., Missionary Muhlenberg, Liberia, Africa
Nellie Cherrill, B. L. - - - - - Carthage
George C. Cromer, A. B., minister - - Emporia, Kan
Maggie Delo, B. S., teacher - - - Braddock, Pa
Joseph Hegener, A. B., minister - - - Arenzville
Herbert L. Jackson, B. S., attorney at law - - - Eureka
Penfield E. Mason, A. B., Professor of History - - Carthage

1895

E. K. Cherrill, A. B., bank clerk - - - Carthage
T. Edwin Gill, B. S., merchant - - - - Carthage
J. Louis Nace, A. B., law student - - - Springfield
C. W. Ramsey, B. S., teacher - - - Dallas City
J. Kent Rizer, A. B., minister - - - - Shipman
Eddy Robbins, B. S., - - - - - Carthage
Annie E. Sanford, A. B., missionary - - - Guntur, India
O. B. Turner, A. B., teacher - - - Tyler, Tex

1896

Effie Cromer Nelson, B. S. - - - Hartington, Neb
M. Isabel Felgar Wilson, B. S. - - - - Niota
Leona May McAnulty, B. S., teacher - - - Carthage
John A. McCullough, A. B., theological student Atchison, Kan
Matie H. Schlenker, B. L., teacher in city schools Toledo, Ohio

1897

Matthew Mourning Anderson, B. L., law student - Hamilton
Martha Golden Davidson, B. S., teacher - - Carthage
Frederick William Jasper, B. L., jeweler - Newton, Iowa
Alice Lillian Marvel, B. S. - - - - Carthage
Mary Coyle Noyes, B. S. - - - - Carthage
Samuel Brownlee Robbins, A. B., law student - Madison, Wis

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TWENTY-SEVENTH

ANNUAL CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

CARTHAGE COLLEGE

CARTHAGE ILLINOIS

COLLEGIATE YEAR 1898-'99

DAVIDSON PRINTING HOUSE
CARTHAGE ILL.
1899

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Professor of Natural Science.

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Professor of Chemistry.
(Absent on leave, at University of Chicago.)

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Professor of English and Modern Languages.

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Professor of Mathematics and Astronomy.

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Professor, and Principal of the Normal Department.

ALFRED G. KENT,

Assistant in the Normal Department.

FRED HENRY OTTMAN,

Teacher of Bookkeeping and Penmanship.

MISS COLOMA BROWNLEE,

Teacher of Shorthand and Typewriting.

MISS LAURA A. MANIER, A. M.,

Piano and Stringed Instruments.

MISS SUSAN M. DAVIDSON,

Teacher of Vocal Culture, Sight Singing, Chorus Director.

J. A. SHOTT,

Secretary of the Faculty.

C. B. NEWCOMER,

Librarian.

MRS. MARY L. NEWCOMER,

Treasurer of the Contingent Fund.

SAMUEL P. CAMP,

Janitor.

STUDENTS.

COLLEGE.

SENIOR CLASS.

NAME.	*COURSE.*	*RESIDENCE.*
Royal Brown Brandon,	Scientific,	Fountain Green
Charles Colton Carlton,	Scientific,	Carthage
John Miller Herbst,	Classical,	Carthage
Theodore Johannes Jensen,	Classical,	Breklum, Germany
Alfred Richard Kent,	Scientific,	Peabody, Kan
Philena Marvel,	Literary,	Carthage
Frederick William Obert,	Scientific,	Ernest, Mo
Herbert Spencer Salisbury,	Scientific,	Carthage
Morgan Lewis Webb,	Scientific,	Nauvoo

JUNIOR CLASS.

Roy Marean Badger,	Classical,	Springfield
James Arthur Baird,	Classical,	Carthage
Maude Beatrice Elder,	Literary.	Hamilton
Hiram Gano Ferris,	Scientific,	Fountain Green
Samuel Naylor, Jr.,	Classical,	Carthage
Fred Henry Ottman,	Classical,	Central Bridge, N. Y
Emily Cynthia Pennock,	Scientific,	Carthage
Tilden Frank Phillips,	Scientific,	Mt. Carroll
Bess Juliette Ringheim,	Scientific,	Nevada, Ia
George Edmunds Sanford,	Scientific,	Carthage
Ellen Babette Schuff,	Classical,	Burlington, Ia
Anna Letta Simmons,	Scientific,	Nevada, Ia
Charles Elmer Sparks,	Classical,	West Point

SOPHOMORE CLASS.

Lucy Sholl Cherrill,	Scientific,	Carthage
Pearl Dorsey,	Scientific,	Carthage
Ida Josephine Helfrich,	Scientific,	Carthage
Eula Elizabeth James,	Scientific,	Bentley

Harry Lee Jones,	Scientific,	Washington
Charles Romney McKee,	Scientific,	Clinton, Mo
John Henry Utesch,	Classical,	Yutan, Neb

FRESHMAN CLASS.

William Edward Bartholomew,	Scientific,	Elvaston
David Baxter,	Scientific,	Hamilton
Mary E. Crotzer,	Scientific,	Lena
Clyde Cutler,	Scientific,	Carthage
Francis Gage Cutler,	Scientific,	Carthage
M. Daisie Damert,	Scientific,	Lena
Rolla O. Dickson,	Scientific,	Disco
George Harold Fonken,	Classical,	Forreston
Arthur Earl Isham,	Classical,	Cedar Rapids, Ia
Kathryne L. Krape,	Scientific,	Lena
Leonard J. Lease,	Scientific,	Nokomis
Harriett Elizabeth McCully,	Classical,	Carthage
Ben L. Matthis,	Classical,	Pearl City
Elizabeth Tuttle Mayor,	Scientific,	Carthage
William Helen Noyes,	Scientific,	Carthage
William Morrison Ruthrauff,	Scientific,	Carthage
George J. Trombold,	Classical,	Pittsfield
Anna Marie Wilhelmsen,	Classical,	Stavanger, Norway

SPECIAL STUDENT.

Rev. Max Pinkert,	English,	Carthage

ACADEMIC.

SENIOR.

John Harvey Ashford,	Nevada, Ia
William Baird,	Carthage
Fred Baxter,	Hamilton
Helen Harris,	Carthage
Henry Herrman Heldberg,	Bremen
Daisy Hopkins,	Middle Creek
John Henry McCallister,	Bentley
William McCully,	Carthage
Flora Moon,	Carthage
Joseph Powers,	Hamilton
Nellie May Ruthrauff,	Carthage
Charles Walter Stakemiller,	Mt. Carroll
Leonard Jacob Steenks,	Springfield
Clarence Walker,	Carthage
George Earl Walter,	Fairview
Thomas Henderson Watkins,	Clinton, Mo
Blanche Edith Webb,	Nauvoo
Minnie Etta White,	Carthage

MIDDLE.

Bessie Mabel Burner,	Bentley
Frank Casburn,	Ferris
Lewis A. Dunaway,	Monroe, Wis
L. Elmer Finkenbinder,	Kent
Jay Howard Gould,	St. Marys
Leo Leroy Helfrich,	Carthage
John Howd,	Burnside
Wilbur Johnson,	Ferris
Olive Lewis,	Carthage
Paul William Mason,	Carthage
Edwin Augustine Ringheim,	Nevada, Ia
Franklin H. Rock,	Cuba
Albert Salisbury,	Carthage

Charlotte Elwine Schiele,	Joliet
William T. Scott,	Ferris
Clyde Erwin Shepherd,	Carthage
Roy Stidum,	Burnside

JUNIOR.

Robert Aitchison,	Carthage
Leslie Bradfield,	Disco
Frank Bradshaw,	La Harpe
Ella Curts,	Carthage
Charles Campbell,	La Harpe
Guy Junius Helfrich,	Carthage
Ethel Kingsley,	Carthage
Clinton McCully,	Carthage
Ethel Powell,	Bentley
William Richard Renner,	Chicago
Will F. Rowe,	Carthage
Oscar Waldo Williams,	Santa Lucia, Tex
Shirley Heath Wilson,	Carthage

NORMAL.

Robert D. Aitchison,	Carthage
Clark Ayers,	Carthage
Charles Thomas Boston,	Carthage
Leslie Bradfield,	Disco
Frank Bradshaw,	La Harpe
Edna Cannon,	Denver
Emma Carroll,	Carthage
Floyd N. Casburn,	Ferris
Frances Coker,	Carthage
Glenn W. Eaton,	Carthage
Rex Goodrich,	Carthage
Claudia Harris,	Carthage
Guy J. Helfrich,	Carthage
John Howd,	Burnside
James E. King,	Carthage

F. W. King, - - - - - - Carthage
Ethel Kingsley, - - - - - Carthage
Lula M. Lashmett, - - - - - Carthage
Olive Lewis, - - - - - - Carthage
May McCallister, - - - - - - Bentley
Stella McCallister, - - - - - Bentley
Mabel McCullough, - - - - - Carthage
Clinton McCully, - - - - - Carthage
Lillie McKay, - - - - - - Basco
Lulu Main, - - - - - - Carthage
James Massie, - - - - - - Denver
Mabel Massie, - - - - - Quincy
Harold Meyer, - - - - - Beardstown
Ollie Milby, - - - - - - Carthage
Ethel Powell, - - - - - - Bentley
Roscoe Ramsey, - - - - - Bentley
William Renner, - - - - - - Chicago
Fritz Reu, - - - - - - Burnside
Albert Salisbury, - - - - - - Carthage
Florence Salisbury, - - - - - Carthage
Emma Schell, - - - - - - Unity, Mo
Lottie Schiele, - - - - - - Joliet
William T. Scott, - - - - Ferris
Willie K. Simmons, - - - - Fountain Green
Roy Stidum, - - - - - - Burnside
Lake C. Sympson, - - - - - Carthage
Effie Todd, - - - - - - Carthage
Leonard A. Wetzel, - - - - - La Harpe
Oscar Waldo Williams, - - - - Santa Lucia, Tex

SUMMER NORMAL.

George Alexander, - - - - - La Prairie
J. Edgar Atkins, - - - - - - Ferris
Allie Ayers, - - - - - - Carthage
Stella Bailey, - - - - - - Ferris
Lillian Bailey, - - - - - - Ferris
Thomas C. Boston, - - - - - Carthage

Annie Brady,	Carthage
Ada Carroll,	Carthage
Frances Coker,	Carthage
C. S. Coulson,	La Harpe
Phil H. Dallam,	Warsaw
Kate Daw,	Elvaston
Ella E. Ewing,	Elvaston
Helen Faulkner,	Nauvoo
Etta Garner,	Denver
Jennie Garwood,	Augusta
Nellie Garwood,	Carthage
Guy J. Helfrich,	Carthage
Abbie M. Hickok,	Augusta
Celia Gnann Hobbs,	Nauvoo
Carrie Holmes,	Augusta
Susie Kimbrough,	Carthage
Edyth M. Layton,	Carthage
Olive Lewis,	Carthage
Pearl Mack,	Elvaston
Alice L. Marvel,	Carthage
Jessie Maynard,	La Harpe
Mary E. McAuley,	Carthage
Mabel McCullough,	Carthage
Lillie McKay,	Basco
Lillie G. Mohlmann,	Beardstown
Stella Morris,	Ferris
Maydesta Morris,	Ferris
Lewis Ogilvie,	Burnside
Edna Proctor,	Carthage
Lena Richter,	La Harpe
B. Eliza Ritchie,	West Point
Ruby Roller,	La Harpe
Emma Schell,	Unity, Mo
Inez G. Staats,	Griggsville
M. E. Stinson,	Stillwell
Mergie E. Sweeney,	Carthage

Grace M. Thiboutot, - - - - - Warsaw
Effie Todd, - - - - - - Carthage
Nellie Tuck, - - - - - - Plymouth
Josie Vest, - - - - - - La Harpe
Vorta Walker, - - - - - Elvaston
Twila Watts, - - - - - - Augusta
Clark Wier, - - - - - - Burnside
Mae M. White, - - - - - Fountain Green
Kate D. Williams, - - - - - La Harpe

MUSIC.

Nellie Allen, - - - - - - Bowen
Mamie Barry, - - - - - - Carthage
Fred Baxter, - - - - - - Hamilton
Miriam Bolles, - - - - - Denver
Annie Boscow, - - - - - Carthage
Miss Brady, - - - - - - Carthage
Grace Burner, - - - - - - Bentley
Nellie Byington, - - - - - Carthage
Ella Curts, - - - - - - - Carthage
Ethel Curts, - - - - - - Carthage
Blanche Camp, - - - - - - Carthage
Gage Cutler, - - - - - - Carthage
Annie Davis, - - - - - - - Carthage
George Dennison, - - - - - Carthage
Floy Davidson, - - - - - - Carthage
Mrs. Gaylord Davidson, - - - - Carthage
Margaret Davidson, - - - - - Carthage
Nellie Duncan, - - - - Carthage
Wanda Galloway, - - - - - Carthage
Percy Garnett, - - - - - St. Marys
Nellie Garwood, - - - - - - Carthage
Sarah Geiger, - - - - Carthage
Margaret Geiger; - - - - - Carthage
Helen Geiger, - - - - Carthage

Margaret Gilliland,	Carthage
Emma Goodrich,	Carthage
Pearl Harper,	Carthage
Lillian Harper,	Carthage
Gratia Hyde,	Carthage
T. J. Jensen,	Carthage
Mrs. F. W. King,	Wa Keeney, Kan
Grace Kunkel,	Carthage
Miss Lampt,	Ferris
Bertha Lane,	Carthage
Mary Lawton,	Carthage
Ralph Lawton,	Carthage
Mabel McCullough,	Carthage
Merle McMahan,	Carthage
Jennie Manussier,	Basco
Mrs. Edward Matthews,	Carthage
Edith Moore,	Carthage
Edith O'Harra,	Carthage
Eva Ranck,	Adrian
Miss Ranck,	Adrian
Edith Richardson,	Ferris
Nellie Ruthrauff,	Carthage
William Ruthrauff,	Carthage
Emma Schell,	Unity, Mo
Grace Scott,	Denver
Agnes Sholl,	Carthage
Daisy Spitler,	Carthage
Grace Steckel,	Carthage
Eva Swain,	Carthage
Carrie Thompson,	Carthage
Susie Wieder,	Carthage
Mrs. J. W. Williams,	Carthage
Mrs. Timberlake,	Bentley

SUMMARY.

COLLEGIATE DEPARTMENT—

SENIORS		9
JUNIORS		13
SOPHOMORES		7
FRESHMEN		18
SPECIAL	1—	48

ACADEMIC DEPARTMENT—

SENIOR		18
MIDDLE		17
JUNIOR	13—	48

NORMAL DEPARTMENT		44
SUMMER NORMAL	51—	95
MUSICAL DEPARTMENT	57—	57
Total		248
NAMES REPEATED AND PRIVATE PUPILS NOT REGISTERED AS STUDENTS		80
COLLEGE ROLL		168

COLLEGIATE DEPARTMENT.

While the College believes that certain branches of study are essential to the highest intellectual development and the broadest culture of the student, yet it holds that different curricula of studies may be made to serve the great aims and ends of education. It therefore offers three courses, each leading to a degree, viz:

The Classical Course, leading to the degree of Bachelor of Arts;

The Scientific Course, leading to the degree of Bachelor of Sciences;

The Literary Course, leading to the degree of Bachelor of Letters.

The number of credits required for the completion of these courses is the same in each.

CLASSICAL COURSE.

This course places special emphasis upon the study of the language, literature, and history of the Greeks and Romans. It includes full work in the English language, in Philosophy and History, as well as one year of Science, and Mathematics up to and including Trigonometry. Provision is made in the Junior and Senior years whereby the student may elect work in the Sciences, Mathematics, and Modern Languages which is not offered in the requirements in this course. The Classical Course leads by the most approved means to the most perfect discipline of the mental powers, and all those who are looking forward to entering any of the learned professions, and especially those intending to enter the Christian ministry, are earnestly advised to pursue this course.

SCIENTIFIC COURSE.

This course emphasizes the study of the Natural Sciences and Mathematics, both with reference to their disciplinary value and their practical importance. Science is a required study throughout the whole course. It includes four years' work in English, full work in Philosophy and History, and requires two years of German and one year of French, in lieu of the Greek and the additional

Latin required in the Classical Course. In the Junior and Senior years, opportunity is offered for electing further work in the Modern Languages.

LITERARY COURSE.

This course emphasizes the study of the Modern Languages and English. Omitting the Classical Languages entirely, it compensates for this by requiring three years of German, English throughout the entire course, and two years of French. All the History and Philosophy, most of the Sciences, and Mathematics throughout the Freshman year, are required in this course. In the Junior and Senior years, electives are offered in all the departments.

REQUIREMENTS FOR ADMISSION INTO THE FRESHMAN CLASS.

I. LATIN:

(*a*) Collar & Daniell's First Latin Book. Latin Grammar; Allen & Greenough, Harkness, or Bennett.
(*b*) *Via Latina.* Cæsar, four Books of Gallic War.
(*c*) Cicero; four orations against Catiline, For Roscius, For Archias.
(*d*) Vergil; Æneid, Books I.–VI., with Prosody.
(*e*) Prose Composition; thirty Lessons of Bennett's Latin Prose Composition.

II. GREEK:

(*a*) White's Beginner's Greek Book. Goodwin's Greek Grammar.
(*b*) Xenophon; Anabasis, four Books.
(*c*) Prose Composition; the equivalent of the first twenty lessons of Jones' Greek Prose Composition.

III. HISTORY:

(*a*) United States History. Fiske, or its equivalent.
(*b*) General History. Myers, or equivalent.

IV. MATHEMATICS:

(*a*) Arithmetic complete.
(*b*) Algebra, through Quadratics. Fisher & Schwatt, or equivalent.
(*c*) Geometry, Plane and Solid complete. Phillips & Fisher.

V. ENGLISH:

(*a*) English Grammar, Orthography, Composition, Elementary Rhetoric, English Literature.

(*b*) The student will be expected to write an essay on some subject, correct in spelling, punctuation, sentence structure, and paragraphing. The subjects for 1899-1900 are Scott's Ivanhoe, Irving's Alhambra, Bryant's Thanatopsis, and Longfellow's Hiawatha.

VI. SCIENCE:

(*a*) Descriptive and Political Geography.
(*b*) Elementary Zoology. Packard.
(*c*) Physiology. Blaisdell.
(*d*) Elementary Physics. Carhart and Chute.
(*e*) Physical Geography. Tarr.

Candidates for admission to the Freshman Class of the Classical Course are examined in all of the above, except V. *b* and VI. *b*, *c*. Real equivalents in the work of Ancient Languages will be accepted.

Candidates for admission to the Freshman Class of the Scientific Course will be examined in all of the above except II.

Candidates for admission to the Freshman Class of the Literary Course will be examined in all of the above except II., I. *d*, and half of I. *c*.

For a complete outline of all the courses in this department, see Academic Department.

Graduates of the Academic Department of Carthage College are admitted to the corresponding courses of the Collegiate Department without examination. Graduates of the Carthage High School and other accredited High Schools and Academies are admitted to the various courses of the College on the same conditions as those from our Academy.

CONDITIONED STUDENTS.

Applicants for admission to the Freshman Class, who are deficient in not more than two subjects, may be admitted conditionally, all conditions to be removed by the end of the Freshman year, the students meanwhile maintaining good standing in their regular classes. Such conditions must be removed by credits received by aking the subjects with the regular Academic classes.

ADVANCED STANDING.

Candidates for admission to advanced standing must sustain an examination in the studies previously pursued by the class they propose to enter. Under this regulation, students are admitted at any time within the year. Under certain restrictions, credits, *without examination*, are given for work of like grade done in other institutions. In all cases the applicant must present a certificate of honorable dismissal from the college where these credits were earned.

SPECIAL STUDENTS.

Students who do not desire to pursue a regular course of study may pursue a select course if they are prepared to take the work of the regular classes pursuing those branches. Such students must take the examination with the regular class, are subject to all the rules and regulations of the College, and are expected to take sufficient work to occupy fully their time.

ELECTIVES.

All the studies of the Freshman and Sophomore years are required in all the courses. In the Junior and Senior years, in addition to the required studies, a liberal list of electives is offered. In addition to the general electives offered, (see Synopsis of Courses of Study) the student is permitted to elect any study offered in other courses and not required in his own. These electives are restricted in the sense that an election of a certain study at the beginning of the year imposes upon the student the requirement that in the following two terms he pursue certain studies designated by the faculty at the time of the first election. This regulation is intended to prevent the too common abuses of the elective system, and is favorable to the student who desires to acquire mastery in any particular line. When the election has been made and the cognate subjects assigned, no deviation can be made from this order except upon the application of the student and by the unanimous consent of the faculty.

SUBSTITUTIONS.

No substitution of elective work for required work, nor of required work in one department for different required work in another de-

partment may be made without the approval of the majority of the Faculty and the concurrence of the Professor in whose department the proposed substitution is to be made.

REQUIREMENTS FOR GRADUATION.

The work covers a period of four years. The number of recitations a week necessary to complete the courses leading to a degree is eighteen for the Freshman, Sophomore, and Junior classes, and fifteen for the Senior class. No student will be recommended for graduation who does not take all the prescribed studies in the course leading to the degree applied for. Nor will anyone, without special permission of the Faculty, be permitted to have more recitations than the number assigned to the class of which he is a member.

SYNOPSIS OF COURSES OF STUDY.

The following synopsis exhibits in comparative form the several courses of study. For full description of the departments of instruction, see "Description of Courses," page 24, and following. In the following tables, the numbers at the right indicate the recitations per week in the respective subjects:

SYNOPSIS OF COURSES OF STUDY—FRESHMAN YEAR.

FIRST TERM.

FOR B. A. DEGREE.	FOR B. S. DEGREE.	FOR B. L. DEGREE.
English; Rhetoric and Analysis....3	English; Rhetoric and Analysis....3	English; Rhetoric and Analysis....3
Mathematics; Algebra 4	Mathematics; Algebra.....4	Mathematics; Algebra.....4
History; Greek.....3	History; Greek.....3	History; Greek.....3
Latin: Cicero, De Senectute; and Latin Prose.....4	Latin: Cicero, De Senectute; and Latin Prose.....4	German; Grammar.....4
Greek; Lysias and Greek Prose....4	Science; Biology.....4	Science; Biology.....4

SECOND TERM.

English; Rhetoric and Analysis ...3	English; Rhetoric and Analysis....3	English; Rhetoric and Analysis....3
Mathematics; Algebra 4	Mathematics; Algebra 4	Mathematics; Algebra.....4
History; Greek and Roman.....3	History; Greek and Roman.....3	History; Greek and Roman..... 3
Latin: Livy, Book I; Sight Reading4	Latin: Livy, Book I; Sight Reading4	German; Grammar and Reader... 4
Greek; Iliad, Books I and II.....4	Science; Comparative Zoology....4	Science; Comparative Zoology.....4

THIRD TERM.

English; Rhetoric and Analysis .. 3	English; Rhetoric and Analysis....3	English; Rhetoric and Analysis....3
Mathematics; Trigonometry.....4	Mathematics; Trigonometry.....4	Mathematics; Trigonometry.....4
History; Roman.....3	History; Roman.....3	History; Roman.....3
Latin: Livy, Book XXI.; Sight Reading.....4	Latin: Livy, Book XXI.; Sight Reading.....4	German; Grammar and Easy Prose.....4
Greek; Iliad, Books III.-VI.....4	Science; Botany.....4	Science; Botany.....4

SYNOPSIS OF COURSES OF STUDY—SOPHOMORE YEAR.

FIRST TERM.

For B. A. Degree.	For B. S. Degree.	For B. L. Degree.
English: Old English 3	English; Old English 3	English; Old English.....3
History; Mediæval and Modern . 3	History; Mediæval and Modern....3	History; Mediæval and Modern.. .3
Latin; Odes and Epodes of Horace..4	Mathematics; Analytical Geometry 4	French; Grammar and Reader....4
Greek; Electra of Sophocles 4	German; Grammar..... 4	German; Modern Selections.... ...4
Science; Chemistry..... ..4	Science; Chemistry..... 4	Science; Chemistry.....4

SECOND TERM.

English; Chaucer, Spenser 3	English; Chaucer, Spenser.... ...3	English; Chaucer, Spenser.....3
History; Mediæval and Modern... 3	History; Mediæval and Modern.. 3	History; Mediæval and Modern....3
Latin: Horace; Satires, Epistles...4	Math.; An. Geom. and Calculus....4	French; Grammar and Reader... 4
Greek; Medea of Euripides 4	German; Grammar and Reader .. 4	German; Modern Selections... ...4
Science; Chemistry 4	Science; Chemistry..... 4	Science; Chemistry..... 4

THIRD TERM.

English; Shakespeare 3	English; Shakespeare 3	English; Shakespeare.... 3
History; Mediæval and Modern .. 3	History; Mediæval and Modern ...3	History; Mediæval and Modern .. 3
Latin: Quintilian, Book X.... 4	Mathematics; Calculus..... 4	French; Grammar and Easy Prose.4
Greek; Plato's Apology and Crito..4	German; Grammar and Easy Prose.4	German; Modern Selections.... ...4
Science; Physiology..... 4	Science; Physiology..... 4	Science; Physiology..... 4

SYNOPSIS OF COURSES OF STUDY—JUNIOR YEAR.

FIRST TERM.

FOR B. A. DEGREE.	FOR B. S. DEGREE.	FOR B. L. DEGREE.
English; English Literature.....3	Science; Physics.....3	English; English Literature.....3
Philosophy; Psychology 4	German 4	German.....3
Bible; O. T. History 3	French; Grammar and Reader. ..4	French 3
	Philosophy; Psychology.....4	Philosophy; Psychology.....4
	Bible; O. T. History..... 3	Bible; O. T. History.....3

SECOND TERM.

English; English Literature.....3	Science; Physics 3	English; English Literature.....3
Philosophy; Psychology.....4	German 4	German 3
Bible; O. T. and N. T. History.. ...3	French; Grammar and Reader....4	French.....3
	Philosophy; Psychology.....4	Philosophy; Psychology 4
	Bible; O. T. and N. T. History.....3	Bible; O. T. and N. T. History.....3

THIRD TERM.

English; English Literature.....3	Science; Physics.....3	English; English Literature.....3
Philosophy; Logic 4	German.....4	German.....3
Bible; N. T. History 3	French; Grammar and Easy Prose..4	French 3
	Philosophy; Logic.....4	Philosophy; Logic 4
	Bible; N. T. History 3	Bible; N. T. History.....3

A number of the following ELECTIVES, sufficient to give the student 18 recitations a week, must be taken:
Latin—Open to students of A. B. Course, 3 terms, 4 hours a week.
Greek—Open to students of A. B. Course, 3 terms, 3 hours a week.
German—Open to students of A. B. Course, 3 terms, 4 hours a week.
French—Open to students of A. B. Course, 3 terms, 4 hours a week.
Analytical Geometry and Calculus—Open to students of A. B. and B. L. Courses, 3 term, 4 hours a week.
Physics—Open to students of A. B. and B. L. Courses, 3 terms, 3 hours a week.
Bible Study—Open to students of all Courses, 3 terms, 2 hours a week.

SYNOPSIS OF COURSES OF STUDY—SENIOR YEAR.

FIRST TERM.

For B. A. Degree.	For B. S. Degree.	For B. L. Degree.
English Literature; Masterpieces..2	English; English Literature.....3	English Literature; Masterpieces..2
Philosophy; Ethics 3	Philosophy; Ethics.. 3	Philosophy; Ethics..... 3
History of Civilization.... 3	Science; Geology..... 3	History of Civilization.... 3

SECOND TERM.

English Literature; Masterpieces..2	English; English Literature 3	English Literature; Masterpieces..2
Evidences; Natural Theology . ..3	Evidences; Natural Theology.. ...3	Evidences; Natural Theology..... 3
Political Science; Political Economy3	Science; Geology 3	Political Science; Political Economy3

THIRD TERM.

American Literature; Masterpieces2	English; English Literature 3	American Literature; Masterpieces2
Evidences; Christian Evidences . 3	Evidences; Christian Evidences....3	Evidences; Christian Evidences. ..3
Political Science; Political Economy3		Political Science; Political Economy3

A number of the following Electives, sufficient to give the student 15 recitations a week, must be taken:

Latin—Open to students of A. B. Course, 3 terms, 3 hours a week.
Greek—Open to students of A. B. Course, 3 terms, 3 hours a week.
Hebrew—Open to students of A. B. Course, 3 terms, 3 hours a week.
German—Open to students of B. S. and B. L. Courses, 3 terms, 3 hours a week.
French—Open to students of B. S. and B. L. Courses, 3 terms, 3 hours a week.
Italian—Open to students of all Courses, 3 terms, 3 hours a week.
Spanish—Open to students of all Courses, 3 terms, 3 hours a week.
Philosophy—Open to students of all Courses, 3 terms, 2 hours a week.
Astronomy—Open to students of all Courses, 1st and 2d terms, 2 hours a week.
Geology—Open to students of A. B. and B. L. Courses, 1st and 2d terms, 2 hours a week.
Political Science—Open to students of B. S. Course, 3 terms, 3 hours a week.
English Masterpieces—Open to students of B. S. Course, 3 terms, 2 hours a week.
Mineralogy—Open to students of all Courses, 3d term, 3 hours a week.
History, English and American—Open to students of all Courses, 3 terms, 2 hours a week.

DESCRIPTION OF COURSES.

The following detailed statement of courses furnishes an explanation of the preceding synopsis. In most of the departments the description follows the order of the collegiate years in which the various studies are pursued. Wherever this plan is deviated from, the description itself will make sufficiently clear what classes are expected to pursue the branches indicated:

Latin.

The purpose of the instruction in this department is: First, to acquaint the student thoroughly with the principles of the language itself. Second, to give the student a knowledge of the development of the language, of its main literary features, and an acquaintance with the moral and social problems which the Romans endeavored to solve. In the early part of the course the chief writers of the late Republic and early Empire are read. Rapid reviews of forms and syntax are given, and literal translations into English are insisted upon. Auxiliary to these aims, composition based upon the text which is being read is required frequently.

As the student acquires larger familiarity with the language, the stylistic and historical elements are brought into prominence, and by reading large portions of their masterpieces a critical examination of the literary characteristics of the various authors is attempted.

FRESHMAN YEAR:

FALL TERM: Cicero, *De Senectute*, is read. The indebtedness of the English language to the Latin is pointed out by constant reference to Cicero's large and varied vocabulary. Latin composition one hour a week.

WINTER TERM: Livy; Book I. Sight reading is required from Viri Romæ, Nepos, Vergil's Æneid VII., or Cicero, Pro Poeta Archia Latin composition one hour a week.

SPRING TERM: Livy; Book XXI., and selections from XXII. Sight reading continued. Prose composition from dictated sentences based on the text read. One hour a week is devoted to the study of

Roman Literature (Prof. Wilkins' Primer). *Freshman Course, four hours a week, required of Classical and Scientific students.*

SOPHOMORE YEAR:

FALL TERM: Horace; Odes, Books I. and II., and Epodes. Review of Latin Prosody and study of Horatian Metres. The pupil is required to memorize several odes assigned by the instructor. Kelsey's Sketch of Roman Mythology. Sight reading.

WINTER TERM: Horace, Satires and Epistles, selected. Scansion of the entire text read.

SPRING TERM: Quintilian; Institutes, Books X. and XII. The attention of the student is directed to the differences in syntax and diction, as exhibited by Quintilian and the authors previously read. Sight reading. *Sophomore Course, four hours a week, required of Classical students.*

JUNIOR YEAR:

FALL TERM: Juvenal and Persius. Scansion of the entire text read. Study of the life and manners of the Romans under the early Emperors. Sight reading.

WINTER TERM: Tacitus; Germania and Agricola. Study of the Colonial Policy of Imperial Rome. The characteristics of Tacitus' Style.

SPRING TERM: Cicero; Tusculan Disputations. This work will be read in large installments, and much time will be given to the discussion of the subject matter of the Dialogue under consideration. *Junior Course, three hours a week, elective for all who have taken the Sophomore Course.*

SENIOR YEAR:

FALL TERM: Suetonius; lives of the Cæsars, *Julius, Augustus, Tiberius.*

WINTER TERM: Tacitus; History and Annals; or, selected letters of Pliny and Cicero.

SPRING TERM: Lucretius; *De Natura Rerum;* or, some one or more of the philosophical works of Cicero.

The Senior Course, three hours a week, is elective, and is subject to change to suit the requirements of the class.

English.

Three objects are kept in view in this department:

(1) To study the correct use of English as a written and as a spoken language.

(2) To study the language historically.

(3) To study the History of English and American Literature and to become acquainted with some of the Masterpieces.

The first two years are concerned with the first two objects; the first year with Composition and Rhetoric, the second year with the historical development of the language and the study of Chaucer, Spenser, and their contemporaries. For these years the instruction aims to be practical and disciplinary. The last two years are intended to give the student a general survey of the History of English and American Literature, and to widen his appreciation and interest for the representative works.

FRESHMAN YEAR:

Genung's Practical Rhetoric will be used throughout the year. This text will form the basis of all theoretical work, and the principles therein found will be applied in the analysis of selections in Genung's Rhetorical Analysis, to be supplemented by standard selections from both English and American authors. Special attention will be given to paraphrasing, abstracting, and composition work. This work is required for all courses. Three hours a week.

SOPHOMORE YEAR:

A part of the year will be given to the study of Anglo-Saxon. Smith's Anglo-Saxon Grammar and Bright's Anglo Saxon Reader will be used. The class will during the remainder of the year read critically Chaucer's Canterbury Tales, Spenser's Færie Queene, and Shakespeare's Macbeth. Five essays and one oration during the year. This is required work for all courses. Three hours a week.

JUNIOR YEAR:

History of English Literature in connection with the study of masterpieces throughout the year. Pancoast's English Literature (or equivalent) will be used. Special attention will be given to the study of the works of seventeenth and eighteenth century writers. The students will be required to do original investigation from refer-

ences furnished by instructor. Four essays and two orations during the year. This work is required for all courses. Three hours a week.

SENIOR YEAR:

History of Literature and study of Masterpieces throughout the year. The first two terms will be devoted to the study of Bates' Talks on Literature and Saintsbury's Nineteenth Century Literature, in connection with critical reading of recent writers. The last term, American Literature will be studied, with Painter's Introduction to American Literature as text book Each student will during the year be required to make an independent study of one masterpiece for each half year, embodying the results in a critical essay, and to deliver two orations. This work is required for students in the Classical and Literary courses and elective for students in the Scientific course. Two hours a week.

History

The first aim of the Department of History is to give the student a clear view of the whole field of political history, especially forcing upon his attention the unity of political history, the relation of events as cause and effect, and the salient features and most important events of each period. The course begins in the Freshman year with the study of Greek and Roman History. Here it is shown how the Greeks, though politically unfortunate, developed a civilization and a culture in many ways still unsurpassed, which the city by the Tiber, after it had grown to be the head, first of Latium, then of Italy, then of the world, made its own; and how this vast power, intellectually Greek, politically Roman, became the leaven of the world, and is the most important fact in the world's history.

In the Sophomore year follows a general view of European History since the Fifth Century A. D., showing the student how at this time was added the second great element in history, the Teutonic, and how all history since is but the record of the progress of the society formed by the fusion of the Roman and the Teutonic elements.

In the Senior year an elective course in English and American History is offered to all students. And in this year a course in political science is given also, as required work for Classical and

Literary students, and open as an elective to the Scientific. The work in this course changes somewhat from year to year, chiefly according to the wishes of the students. The subjects chosen from are, Political Economy, Sociology, International Law, American Government, Political Science.

The course in outline is as follows:

FRESHMAN YEAR:

FALL TERM: Greek History (Oman).
WINTER TERM: Roman History (Pelham).
SPRING TERM: Roman History (Pelham).
Freshman Course, three hours a week, required for all degrees.

SOPHOMORE YEAR:

FALL TERM: Mediæval History (Thatcher and Schwill).
WINTER TERM: Mediæval History (same).
SPRING TERM: Modern History (Schwill).
Course, three hours a week, required for all degrees.

SENIOR YEAR:

FALL TERM: Political Economy.
WINTER TERM: International Law (Laurence).
SPRING TERM: American Government (Bryce).
Course, three hours a week, required of Classical and Literary, elective for Scientific students.
FALL TERM: English History (Green).
WINTER TERM: English History (Green).
SPRING TERM: American History (Epoch Series).
Elective for all courses, three hours a week.

Mathematics and Astronomy

The work in this department is so arranged that the student has the opportunity of completing the course, or of taking only such studies as are essential. The work is as practical as it can be made, the aim being:

(*a*) The cultivation of orderly, continuous and independent thought.
(*b*) The preparation of the student for the mathematical operations necessitated in an intelligent and exhaustive study of the Sciences.

ALGEBRA. The first few weeks are devoted to a rapid review of that portion of Algebra preceding Quadratics. This review is followed by a careful study of the Binomial Theorem, Series, Logarithms, Equations of Higher Degree, etc. Wells' College Algebra is the text used. Required of Freshmen in all courses first and second terms, four hours a week.

TRIGONOMETRY, Plane and Spherical. Phillips and Strong's text is used. Required of Freshmen in all courses, third term, four hours.

ANALYTIC GEOMETRY. The aim is, by the close study of the elements of this important branch of Mathematics, to acquaint the student with analytical methods of investigation, and to make him more skillful in the use of algebraic processes. The text used is Bailey and Woods, together with outside problems. Required of Sophomores in the Scientific course, first half of the scholastic year, four hours. Elective in other courses.

CALCULUS. This course consists of a brief but careful treatment of operations of Differential and Integral Calculus. Required of Sophomores in the Scientific course, second half of the scholastic year. Elective in other courses, four hours.

HIGHER MATHEMATICS. An elective course is offered for students who have taken the course in Analytic Geometry and Calculus. The object will be to introduce the student to some of the methods used in the more modern developments of the subject. The matter treated will depend on the preference of the students.

ASTRONOMY. The aim of this course is to give a general knowledge of the facts of Astronomy, with a clear conception of the principles underlying them, and an understanding of the methods of arriving at these facts. Young's text is used. This is a two-hour elective for the first and second terms, open to students of all courses.

Greek

Liberal provision for the study of the Greek Language and Literature is offered in the Classical Course. Believing that as a disciplinary study and as an aid to the interpretation and appreciation of literature the Greek language possesses many superior advantages, we have accorded it prominent attention in the Freshman and Sophomore years. The aim in the first part of the course is to lead to the mastery of the grammatical structure of the language and the acquirement of a good vocabulary. To this end, frequent exercises are given in prose writing from sentences based on the text which is

being read. Written translations of difficult and historic passages are required from time to time. In the latter part of the course the student, having acquired facility in translation, should be able to appreciate to some degree the strength and beauty of Greek Literature and gain some conception of the influence of Greece on human thought and culture. The Greek of the Junior and Senior years is elective, and all Classical students are urged to pursue the study throughout the course.

FRESHMAN YEAR:

FALL TERM: Lysias. The course in Lysias includes the eight orations complete given in Morgan's Lysias. Rapid review of forms and syntax. Twenty lessons in Greek Prose.

WINTER TERM: Lysias continued first four weeks. Homer; Iliad, Books I. and II. Special attention given to Greek Prosody and the dialectic peculiarities of Homer.

SPRING TERM: Homer; Iliad, Books III.-VI. Study of the Homeric Question.

Freshman course, four hours a week; required.

SOPHOMORE YEAR:

FALL TERM: Sophocles, Electra. Scansion of the Choral Odes.

WINTER TERM: Euripides, Medea. In connection with this course and the preceding, notes are given on Dramatic Literature and Representation on the Greek Stage.

SPRING TERM: Plato, Apology and Crito (Dyer). Study of the Dialogue. Notes on Socrates as a public teacher.

Sophomore Course, four hours a week; required.

JUNIOR YEAR:

FALL TERM: Demosthenes, On the Crown. Notes on the Public Life of the Greeks.

WINTER TERM: Theocritus. Greek Literature, (Jebb's Primer).

SPRING TERM: Aristophanes, Clouds.

Junior Course, three hours a week; elective.

SENIOR YEAR:

FALL TERM: Thucydides, Book VII.
WINTER TERM: Justin Martyr, Apology Major.
SPRING TERM: New Testament. Notes on Hellenistic Greek.
Senior Course, two hours a week; elective.

Natural Science.

The instruction in this department will be sufficiently technical to meet the requirements of those who wish to make the study of Science a specialty. The chief aim, however, will be to give the student a practical knowledge of each subject taken up.

The work described under the head of this department is required for those taking the scientific course only, unless otherwise indicated.

FRESHMAN YEAR:

Biology: The work for the year will be introduced by the use of Parker's Elementary Biology. Four hundred pages of the text and four hours weekly of laboratory work will be required. In addition to the animal types described in the biology, the following will be studied: Campanularia, grantia, sea anemone, sea urchin, squid, earthworm, locust, spider, ascidian, amphioxus, perch, frog, and pigeon. Near the close of the winter term the study of plant products and tissues will be taken up. This will be followed by the examination of typical algæ, mosses, vascular cryptogams and phanerogams. Bessey's text will be used in general botany and Gray's manual in plant analysis.

The biological laboratory occupies a separate room and is supplied with works of reference, compound microscopes, and other apparatus and reagents necessary for thorough, practical work. The student is taught the use of the microscope and is required to draw and describe accurately what he sees. A fee of two dollars is charged for materials consumed.

Freshman Course, four hours a week, required for B. S. and B. L. degrees.

SOPHOMORE YEAR:

FALL TERM: Chemistry, Remsen's Briefer Course.

WINTER TERM: Chemistry, Remsen's Briefer Course.

The students are required to perform all the experiments in this book and to take notes of their work. A fee of $1.50 per term is required for use of apparatus and chemicals. In addition to this the student must pay for all apparatus broken by him.

SPRING TERM: Advanced Physiology, Thornton.

Sophomore Course, four hours a week, required for all degrees.

JUNIOR YEAR.

FALL TERM: Physics; Hastings and Beach. Special attention is given to elementary Mechanics during the Fall Term.

WINTER TERM: Physics continued.

SPRING TERM: Physics completed.

Junior Course, three hours a week

The Juniors in all courses may elect Advanced Chemistry when sufficient reasons are given.

SENIOR YEAR:

FALL TERM: Geology, Le Conte's Manual.

WINTER TERM: Geology, Le Conte's Manual.

SPRING TERM: During the Spring Term an elective in Science may be taken. For reasons of weight, other electives may be taken.

Philosophy

The work in this department aims at opening to the student the entire field of Philosophy and acquainting him with the history of its main features. With this in view, much time is spent in the study of the Psychological endowments of man, so that the student may have the facts before him with which to construct a sound system of Philosophy. In part, to sum up the facts furnished by Psychology and co-ordinate them with those supplied from other sources, but chiefly to acquaint the student with the main problems of Philosophy, a course of introduction is given as preliminary to the study of the History of Philosophy. The courses in this department are as follows:

JUNIOR YEAR:

FALL TERM: Psychology, Ladd's Outlines of Descriptive Psychology.

WINTER TERM: Psychology or Philosophy.

SPRING TERM: Logic, Jevons-Hill.

Junior Course, four hours a week: required for all degrees.

SENIOR YEAR:

An elective in Pure Philosophy is offered for the Seniors in all courses. Some special attention will be given to the relation of the Natural Sciences to Philosophy. Texts for the year's work will be selected on Introduction to Philosophy, History of Philosophy, and Modern Philosophy. Ethics is required of all students in the Fall Term.

Senior Course, three hours a week.

Hebrew.

This is offered as an elective during the Senior Year, because of its disciplinary value and the fact that it reveals to us the oracles of God in the original tongue. The courses are:

1. Beginner's course. Harper's Method and Manual, and Elements of Hebrew. Three hours a week. Elective.

2. Same as 1.

3. Selections from Exodus and Samuel. Harper's Syntax. Three hours a week. Elective.

German.

The object of instruction in this study is two-fold:

(1) To give the student a knowledge of German as a spoken language;

(2) To introduce him to German Literature and its Masterpieces.

Study for the first two years will be concentrated on the Grammar and the translation of *much* easy prose and poetry. The latter two years will be occupied with a study of German thought as interpreted by its masterpieces. Prose composition and colloquial exercises will be required through the entire course.

FIRST YEAR:

The first term will concern itself with German Grammar, supplemented in the second term by the Reader, and in the third term by the reading of easy prose selections. Joynes-Meissner's Grammar and Joynes' Reader will be used. The class will translate such texts as Hœher als die Kirche (von Hillern), Immensee (Storm), Traumereien (Leander), Das Kalte Herz (Hauff), Germelshausen (Gerstaecker), and others. Colloquial exercises and prose composition.

This work is required for the Scientific and Literary Courses. Five hours a week.

SECOND YEAR:

Modern Prose and Poetry. Selections will be made from the following: Heine's Harzreise, Freytag's Die Journalisten, Riehl's Burg Neideck, Bernhardt's Novelletten Bibliothek, Storm's Geschichten aus der Tonne, Auerbach's Brigitta, Grillprazer's Sappho, Eichendorff's Aus dem Leben eines Taugenichts, Die Jungfrau von Orleans, Wilhelm Tell (Schiller); Hermann and Dorethea (Gœthe); Emilia Galotti (Lessing). Prose composition and colloquial exercises through the year. This work is required for the Scientific and Literary courses. Four times a week.

THIRD YEAR:

FIRST TERM: Gœthe's Faust, Part I. Lectures on Faust and its interpretation.

SECOND TERM: Lessing's Nathan Der Weise. Conversation.

THIRD TERM: Scheffel's Ekkehard, or Trompeter von Sækkingen, Minna von Barnhelm (Lessing).

This work is required for the Literary Course, and may be elected by Scientific students. Three hours a week.

FOURTH YEAR:

FIRST TERM: Das Nibelungen Lied, Simrock's German Translation. Conversation. History of German Literature.

SECOND TERM: Gœthe's Faust, Part II. Lectures. Conversation. History of German Literature.

THIRD TERM: Engelhaaf's Deutsche Literaturgeschichte. Conversation.

This work is elective for all courses, provided the third year has been taken, or the consent of the instructor has been obtained. Three hours a week.

Bible Study and Evidences.

The educational value of the Bible, no less than its influence in moulding life and character and developing our modern civilization, entitles it to a place in a course of liberal studies. Moreover, the hostile attacks made in recent years upon the Bible as the inspired word of God render it a matter of the highest importance that the educated classes know from personal and original investigation exactly what is in the Bible. Accordingly, provision has been made for instruction in the Bible and Evidences in the Junior and Senior years.

In Bible study the method is inductive, consisting in careful examination of facts and the discovery of principles of interpretation and examination that can be applied to further study. The book is its own testimony. The principles of inductive logic are also carefully applied in the work in Christian Evidences.

JUNIOR YEAR:

FIRST HALF YEAR: Old Testament History, (Dr. Smith.)

SECOND HALF YEAR: New Testament History, (Dr. Smith.)

The most critical and difficult portions of the Old Testament History will be either omitted entirely, or presented to the class by the instructor in the form of notes and outlines. In the New Testament History, that portion treating of the wars of the Maccabees, Alexander and Hellenism, and the Roman Conquest and Occupation, will be given the class in brief outline.

Junior Course, three hours a week; required for all degrees.

SENIOR YEAR:

FALL TERM: An elective will be provided for this term.

WINTER TERM: Natural Theology, Valentine. Essays required.

SPRING TERM: Evidences of Christianity, Wright. Essays required.

Senior Course, Winter and Spring Terms, three hours a week; required for all degrees.

Romance Languages.

French.

The course will consist for the first two years in the reading of *much* easy prose, followed in the third year by a study of French

Classics. Colloquial exercises and prose composition will form an important part of the work throughout the course.

FIRST YEAR:

The first term will be concerned with the study of Edgren's Grammar, supplemented in the second term by Reader, and in the third term by the reading of easy prose.

There will be read such selections as, Verne's Le Tour du Monde en Quatre-Vingt Jours, Halevy's L'Abbe Constantin, Alphonse Daudet's La Belle-Nivernaise, De Vigny's Le Cachet Rouge, Merimee's Columba.

This work is required for the Scientific and Literary Courses. Four times a week..

SECOND YEAR:

Modern prose and poetic selections will be read. A choice will be made from the following works: Fortier's Sept Grands Auteurs de XIX Siecle, Erckmann-Chatrian's Le Conscrit, Alexandre Dumas' Les Trois Mousquetaires, La Tulipe Noire, Victor Hugo's Les Miserables, About's Le Roi des Montagnes, Bowen's French Lyrics, Jules Lemaitre, Warren's French Literature.

This work is required for the Literary Course, and is an elective for all who have had the first year's work. Three hours a week.

THIRD YEAR:

The work in this year will be as follows:

FIRST TERM: French Classics, Corneille's Polyeucte, Moliere's Le Tartuffe, Racine's Athalie.

SECOND TERM: French Classics. Racine's Phedre, Moliere's Le Bourgeois Gentilhomme, Racine's Esther.

THIRD TERM: Victor Hugo's Ruy Blas and Hernani. French Dramatic Literature and its effect on the English Drama. Subject for Essay in French.

Elective, three times a week.

Italian.

Italian will be offered alternate years with Spanish. The principal object of this course will be to enable the student to read any ordinary historical or scientific prose.

FIRST TERM: Grandgent's or Edgren's Italian Grammar will be used. Reader.

SECOND TERM: Reader continued and selections from easy prose.

THIRD TERM: Much easy prose and four Cantos of Dante's Divina Commedia.

Prose composition through the year. Two hours a week. Elective.

Spanish.

There is a growing interest in this country in the Spanish language, due principally to the close relations of the United States to many of the Spanish speaking people. To meet this popular demand, Spanish will be offered alternate years with Italian.

FIRST TERM: Edgren's Spanish Grammar, Matzke's Spanish Reader.

SECOND TERM: Matzke's Spanish Reader.

THIRD TERM: Modern selections.

Prose composition throughout the year. Two hours a week. Elective.

ACADEMIC DEPARTMENT.

The Academic Department is designed for those preparing for College. It is intended also to meet the wants of those who have not the time nor means to take a regular course, and yet desire the training of a first class Academy. The courses herein offered are in a sense complete, affording training in the Ancient Languages, Mathematics, Natural Sciences, English and Literature, as well as in the Common School branches. It is of the highest importance that the work preparatory for entering College should be carefully and accurately done. For the most part the work of the Academy is done by the regular College Professors. This department comprises three courses, viz: The Classical, Scientific and Literary, preparing respectively for entrance into the Classical, Scientific and Literary Courses of the College.

The work of the first year, consisting of the common school subjects, is the same in each of the courses. Those completing in a satisfactory manner any of the prescribed courses will receive diplomas, and will be admitted into the corresponding courses of the College Department without examination.

The work in the Latin Language represents three years' time. The work in Greek represents two years' time. Those who have advanced sufficiently in Mathematics, English and the Sciences to enter College or the Senior Academic year, but are deficient in the Latin or Greek, or both, will here find special arrangements *by increasing the number of recitations a week* for their rapid advancement in these studies.

The following has been added to the work of the Scientific and Literary Courses:

The student will be required to write an essay on some subject, correct in spelling, punctuation, sentence structure, and paragraphing. The subjects for 1899-1900 are Scott's Ivanhoe, Irving's Alhambra, Bryant's Thanatopsis, and Longfellow's Hiawatha.

Candidates for admission must give satisfactory evidences of good moral character, and must exhibit the necessary proficiency in Spelling, Reading, and the rudiments of Arithmetic, Grammar, and Geography. Students deficient in spelling will be required to take

this branch, whatever may be their grade of work in other branches.

As a rule, eighteen recitations a week are all that a student will be allowed to take. But in case some of the work is review for the student and he shows the ability to accomplish successfully more than the usual assignment and thus prepare himself earlier for the Freshman Class, he will be allowed to take as much work as is consistent with thoroughness.

Courses of Study.

FIRST YEAR:

The same in all courses.

FIRST TERM: Arithmetic; English Grammar; Penmanship; SECOND TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; Geography.

THIRD TERM: Arithmetic; English Grammar; Geography; Penmanship; Reading and Orthography.

SECOND YEAR.

FIRST TERM.

CLASSICAL.	SCIENTIFIC.	LITERARY.
Beginning Latin. Arithmetic. Civil Government. United States History.	Beginning Latin. Arithmetic. Civil Government. United States History.	English. Higher Lessons. Arithmetic. Civil Government. United States History.

SECOND TERM.

Beginning Latin. Arithmetic. United States History. Orthography.	Beginning Latin. Arithmetic. United States History. Orthography.	English. Higher Lessons. Arithmetic. United States History. Orthography.

THIRD TERM.

Beginning Latin. Arithmetic. United States History. Orthography.	Beginning Latin. Arithmetic. United States History. Orthography.	English. Higher Lessons. Arithmetic. United States History. Orthography.

THIRD YEAR.

FIRST TERM.

CLASSICAL.	SCIENTIFIC.	LITERARY.
Latin, Cæsar and Prose. Algebra. Greek, White's Beginner's Book. General History.	Latin, Cæsar and Prose. Algebra. History, Myers' General. Zoology.	Latin, Beginning Latin. Zoology. Algebra. English, Composition. Word Analysis.

SECOND TERM.

Latin, Cæsar and Prose. Algebra. Greek, White's Beginner's Book.	Latin, Cæsar and Prose. Algebra. History, Myers' General. Physiology.	Latin, Beginning Latin. Eng., Whitney's Essentials Algebra. Physiology. Word Analysis.

THIRD TERM.

Latin, Cicero and Prose. Algebra. Greek, White's Beginner's Book. General History.	Latin, Cicero and Prose. Algebra. History, Myers' General. Physiology.	Latin, Beginning Latin. English, Genung's Introduction to Rhetoric. Algebra. Physiology. Word Analysis.

FOURTH YEAR.

FIRST TERM.

CLASSICAL.	SCIENTIFIC.	LITERARY.
Latin, Cicero and Prose. Greek, Anabasis. Geometry. Physical Geography.	Latin, Cicero and Prose. Geometry. Physical Geography. English Literature and Elementary Rhetoric.	Latin, Cæsar and Prose. English Literature and Elementary Rhetoric. Geometry. Physical Geography. General History.

SECOND TERM.

Latin, Vergil and Prose. Greek, Anabasis. Geometry. Physics.	Latin, Vergil and Prose. Geometry. Physics. English Literature and Elementary Rhetoric.	Latin, Cæsar and Prose. English Literature and Elementary Rhetoric. Geometry. Physics. General History.

THIRD TERM.

Latin, Vergil and Prose. Greek, Anabasis. Geometry. Physics.	Latin, Vergil and Prose English Literature and Elementary Rhetoric. Geometry. Physics.	Latin, Cicero and Prose. English Literature and Elementary Rhetoric. Geometry. Physics. General History.

NORMAL DEPARTMENT.

This department has been created for teachers and those intending to teach. The following Course of Study includes, in addition to the so-called common branches, the subjects usually taught in our high schools. The work of the first year is intended to meet all the demands of the County Superintendent of Schools for second grade certificate; the work of the second year, with the exception of physics, zoology, and botany, for first grade certificate; the work of the third and fourth years prepares for state certificate.

Students who cannot spend the four years necessary for the completion of the entire course may arrange personally for special work. A moderate degree of freedom in the substitution of studies from one year to another will be given, provided always that the student gives positive evidence of his fitness to enter upon the branches contemplated. To any student completing the course of study as herein outlined will be given a diploma of graduation.

Our students have a decided advantage over those who attend schools which afford only a normal course. Besides our normal course, which is second to none, students may select from the regular college courses whatever studies they may desire, provided their qualifications are such that the studies may be pursued with profit. This gives the student the advantage of an elective course in addition to the prescribed course. The following tables indicate the subjects offered in this department, the texts used, and the hours per week devoted to each:

COURSE OF STUDY—NORMAL DEPARTMENT.

FIRST YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week*
Arithmetic	White	5
English Grammar	Reed & Kellogg	5
U. S. History	Fiske	3
Orthography and Reading	Irish	4
Penmanship	Pierce	2

WINTER TERM.

Arithmetic	White	5
English Grammar	Reed & Kellogg	5
U. S. History	Fiske	3
Geography	Barnes	3
Physiology	Blaisdell	3
Pedagogy	State Course	2
Orthography	Irish	2

SPRING TERM.

Arithmetic (review)	White or Ray	5
English Grammar (review)	Reed & Kellogg	5
U. S. History (review)	Fiske	3
or		
Physiology	Blaisdell	3
Geography	Barnes	3

SECOND YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week*
Algebra	Fisher & Schwatt	5
Bookkeeping	Williams & Rogers	2
Civil Government	Selected	3
Latin	Collar & Daniell	5
English	Whitney	2

WINTER TERM.

Algebra	Fisher & Schwatt	5
English	Whitney	2
Latin	Collar & Daniell	5
Elementary Psychology	Halleck	3

SPRING TERM.

Algebra	Fisher & Schwatt	5
English	Whitney	2
Latin	Collar & Daniell	5
School Organization	Selected	2

THIRD YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week*
Geometry	Phillips & Fisher	5
General History	Myers	3
English Literature	Swinton	2
Cæsar and Prose	Allen & Greenough	5
Zoology	Packard	3
Greek, Elective	White	5

WINTER TERM.

Geometry	Phillips & Fisher	5
General History	Myers	3
English Literature	Swinton	2
Applied Psychology	Roark	2
Cæsar and Prose	Allen & Greenough	5
Greek, Elective	White	5

SPRING TERM.

Geometry	Phillips & Fisher	5
General History	Myers	3
English Literature	Swinton	2
Cæsar and Prose	Allen & Greenough	5
Botany	Gray	3
Greek, Elective	White	5

FOURTH YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week*
Advanced Algebra	Wells	4
English	Genung	3
Physical Geography	Tarr	4
Cicero and Prose	Allen & Greenough	4
History of Education	Quick	2
Anabasis, Elective	Goodwin	5

WINTER TERM.

Advanced Algebra	Wells	4
English	Genung	3
Physics	Carhart & Chute	4
Vergil	Greenough	4
Philosophy of Education	Tompkins	2
Anabasis, Elective	Goodwin	5

SPRING TERM.

Trigonometry	Phillips & Strong	4
English	Genung	3
Physics	Carhart & Chute	4
Vergil	Greenough	4
Anabasis, Elective	Goodwin	5

Those who expect to present themselves for examination for State Certificate will pursue, in addition to the studies catalogued in the third and fourth years, such other studies as they intend to elect for examination.

Summer Normal Term.

For the benefit of those teachers who desire to spend part of their vacation reviewing, and for the benefit of those preparing for examination, the Normal Department holds a summer session. The session for the summer of 1899 will begin May 29th and continue six weeks.

Thorough instruction will be given in all the branches required for both first and second grade certificates. In addition to these, other advanced branches, for which sufficient call is made, will be offered.

We urge the students to attend, if possible, the entire session. No student can afford to miss a single session, owing to the rapidity of the review and the necessity of covering the ground but once. A good opportunity will here be given to any who may be deficient in some study and may wish to make up the deficiency in order to enter College.

The instructors for the Summer Normal are: Prof. J. A. Shott of the College, and Prof. L. Fairfax of the Warsaw Schools. Many teachers do not yet understand the methods of handling the Revised Course, and they should by all means take advantage of this opportunity to learn them.

All instruction will be based primarily on the county text books, yet any other good texts may be used instead, as the subjects will be taught largely by topical outline.

TUITION:—Students in the common branches alone, for the entire term, will be charged $5.00; those taking the sciences, $6.00. Those not attending the entire term will be charged at the rate of $1.00 per week. Good board and furnished rooms can be procured at very low rates.

For information relating to the Summer Normal, address

PROF. J. A. SHOTT,
Principal of Summer Normal, Carthage, Ill.

BUSINESS DEPARTMENT.

This department has been organized for the benefit of those who wish to take a course qualifying them directly for business pursuits. The work contemplates the mastery of all those studies which are of immediate and practical value in commercial life. The department is so arranged as to afford the student the best opportunities for pursuing such studies at much below the usual cost. Students can enter these classes at any time and will be advanced as rapidly as their progress will justify. The course covers two years, but those prepared to take advanced standing will be allowed to do so at their entrance. Special rooms are assigned to the students of this department, where they have the assistance and oversight of the instructor during regular school hours. He arranges the recitations according to the needs and convenience of the student, and the necessities of the work.

Students in the Business Department have the privilege of taking any studies in the Collegiate or Academic Departments which they may be prepared to pursue with profit.

Course of Study.

FIRST YEAR:

FIRST TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; United States History; Civil Government.

SECOND TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; United States History; Geography.

THIRD TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; United States History; Geography.

SECOND YEAR:

FIRST TERM: Bookkeeping; Business Forms; Arithmetic; Commercial Law; Business Writing; Business Orthography; Penmanship.

SECOND TERM: Bookkeeping; Business Forms; Arithmetic; Commercial Law; Business Writing; Business Orthography; Penmanship.

THIRD TERM: Bookkeeping; Banking; Arithmetic; Business Orthography; Actual Business Practice; Penmanship.

The work in the Business Practice will require of the student application of the principles which he has learned to actual business transactions. Ample facilities will be afforded the student to become thoroughly familiar with business methods and habits.

Shorthand and Typewriting.

Facilities are afforded for those who desire to take courses in Shorthand and Typewriting.

TYPEWRITING: Course of ten lessons, one hour each, $4.00; single lessons, each 40 cents.

SHORTHAND: Course of twenty lessons, one hour each, $8.00; single lessons, each 50 cents.

Use of Typewriter, one hour per day, per month $3.00.

MUSICAL DEPARTMENT.

Students in this department are under the tuition of Miss Laura A. Manier and Miss Susan M. Davidson. Pupils of all grades of advancement are admitted to instruction.

Course of Study

Piano Forte.

In the study of this instrument special attention is paid to developing a pure touch and correct phrasing. A complete course will be given to those who desire to become proficient in Piano Forte playing. Students are required to play in the class rehearsals and public recitals. No definite time can be fixed for completing the course of study, for some will make twice the progress of others. The regular course will include knowledge of Thorough-base and Harmony.

FIRST GRADE: Lebert & Stark's Piano School, Vol. I; Plaidy's Technical Studies; selections from the following works: Kœhler's Op. 50; Czerny's Op. 139; Biehl; Lœschorn; Duverney Op. 120; Sonatinas and Pieces by Clementi, Reinecke, Schumann, Lichner.

SECOND GRADE: Selections; Daily Technique; Czerny's Velocity Studies, Op. 299; Heller's Phrasing Studies; Bach's Easier Inventions and Preludes; Chopin Waltzes; Mendelssohn's Songs Without Words. Pieces selected from standard authors.

THIRD GRADE: Selections; Daily Technique; Cramer; Berger's Etudes; Bach's "Well-tempered Clavichord:" Czerny's Classic School No. 1; Sonatas of Mozart, Beethoven, Schubert; Concert Selections from Weber, Mowskowski, Raff, Chopin, Mason and Thalberg.

A thorough course will also be furnished for organ and violin.

Vocal Culture.

The course of study in this department includes instruction in position and breathing; exercise in tone production; advanced exercises for the flexibility and strengthening of the voice; exercises in the singing of vowels to insure distinct enunciation; the study of ballads by the best composers; arias and other selections from oratorios and operas. It is intended that pupils should attain not only a technical skill in the use of the voice, but that they should acquire also true musical feeling and expression, enabling them to pass beyond the bounds of mechanical singing into the realm of artistic achievement. Terms 50 cents per hour. Half hour lessons are given as being less wearisome, two or more half hour lessons being given each week.

Sight Singing.

The ability to read music at sight is a necessary part of a thorough musical education. It is indispensable for those who wish to take up vocal culture, or do efficient choir or chorus work. Terms: Individual lessons 50 cents per hour; classes of not less than ten, two dollars per term of twenty lessons.

Chorus Work.

Training in choir or chorus work given at reasonable rates.

POST-GRADUATE DEPARTMENT.

The College gives opportunity to its own graduates and others to do post-graduate work. Under the direction of the Faculty, courses of study have been outlined leading to the degrees of A. M., M. S., and M. L.

At present the College does not undertake to give class-room instruction in the subjects leading to advanced degrees. It offers to direct the studies of the applicant, to conduct the examinations, and to confer the appropriate degrees upon such as complete creditably the prescribed course and submit an approved thesis.

The time for the completing of the various courses is not limited, but the candidate will be required to make stated reports of his progress, and is expected to pursue sustained and systematic study. Final examinations must in all cases be conducted at the College. Others may be arranged for elsewhere at the expense of the candidate.

The fees charged are: For matriculation, $5.00; examination, $10.00; diploma, $5.00.

Pamphlet containing full outline of all courses in the Graduate Department will be sent on application to the President of the College.

GENERAL INFORMATION.

Carthage College is under the auspices of the General Synod of the Evangelical Lutheran Church in the United States of America. It was chartered in 1870 and graduated its first class in 1875. It is controlled by the Central and Southern Illinois, Northern Illinois, Iowa, and Wartburg Synods, which are the stockholders and elect the Trustees.

Instruction.

The instruction in all departments is thorough and practical. It is intended to be helpful to the student, but in no sense a substitute for his individual exertion. The aim is to afford the student the very best discipline in habits of independent thinking, and the methods

employed are made to conform to this end. The class-room work is carried on by means of recitations from suitable text-books, free discussion in classes, presentation of theses, frequent examinations and reviews, dictation of notes, use of blackboards and charts. Lecture courses in higher classes are given throughout the year.

Original work on the part of the student is encouraged and insisted upon as a requisite to graduation.

Courses of reading on special topics, supplementary to the subjects pursued in class, are laid out and the student is required to follow these up carefully and at stated times to give a synopsis of the parts gone over. At the discretion of the teacher, work of this kind may be received in place of a review of the text-book, preparatory to examination. The results so far as this system has been practiced have been very gratifying.

Literary Societies.

Two Literary Societies are sustained in connection with the College. The membership is about the same in each. Sessions are held on Friday evening of each week, and to those connected with them they afford, besides access to their libraries, valuable aid in composition, debate, elocution and parliamentary practice. All candidates for degrees are required to unite with one or the other of these societies, and regularly to take part in the literary exercises for three years. For the most part the College accepts the work done in the societies in lieu of rhetorical exercises under the direction of the Faculty, though essays, orations, abstracts, paraphrases and critiques are required from time to time in the Department of English. All College students are required to give eight performances in the societies each year; three in the Fall term, three in the Winter term, and two in the Spring term. Those who do not fully meet these requirements of the societies are reported to the Faculty at the end of each term by the critics. Such students are then required to give an equivalent in public performance or to make up the delinquency in such other way as the Faculty may require. *The performance of this literary work is a requirement for graduation.*

In the Academic and Normal Courses, no one is graduated without performing society duties for one year. The halls are elegantly frescoed, carpeted and furnished with every needed convenience,

presenting an attractive and homelike appearance, and inviting to participation in the exercises of the sessions.

Galileo Society.

This Society was organized September, 1870. Lately the members have added a fine Kranach & Bach piano to their hall. The society possesses a well selected library of nearly 1000 volumes, to which have been added the present year by purchase many standard classical and recent books.

Cicero Society.

This Society was organized September, 1871. It possesses also a large and well selected library, to which constant additions are being made from the proceeds of a library fund. There were added within this year many excellent volumes. Valuable additions to the furniture of the hall were also made.

Libraries.

The College owns a library of about 3,000 volumes, to which the students have access under certain necessary restrictions. Within the past year valuable additions were made to the library by donations.

Reading Rooms.

A Reading Room has been fitted up in connection with the College. Here the students have access to daily, weekly, monthly, and quarterly periodicals of all kinds. The room is in charge of a committee of the christian associations, which arrangement has proved entirely satisfactory.

Collegian.

The College Faculty, aided by correspondents elected by the Literary Societies, Alumni, and Christian Associations, issues the Carthage Collegian monthly. It is devoted to the interests of Carthage College and higher education, and aims to keep the Alumni, patrons, and friends of the institution in touch with its interests. In this respect it has been of marked service. It both needs and deserves the support of all who are interested in the welfare of the College.

Religious Exercises.

The tone of the institution is positively religious. The value of the religious element in culture is distinctly recognized, in that it is made

a prominent feature in the instruction and prevailing sentiment of the College. The study of the Bible is also given prominent attention in all the courses leading to degrees.

The work of each school day is commenced with prayer. Students are expected to attend public worship on the Lord's Day. Those who are members of the different denominations are expected to worship in their respective churches. The Baptists, Episcopalians, Christians, Methodists, Presbyterians, German Lutherans and English Lutherans have organizations and regular services in the city. Students who have no church connections are urged to select the church which they prefer to attend and become regularly identified with the Sabbath School of the same.

Y. M. C. A. and Y. W. C. A.

These Associations are in a flourishing condition, and the influence from this source contributes largely to the religious life and excellent order of the school. A separate room on the first floor of the College Building has been set apart for the use of these Associations. The room is neatly papered, carpeted, and furnished so as to present a very attractive and homelike appearance. The missionary library numbering about one hundred volumes is said to have been the first one of its kind in the state of Illinois.

The Associations are doing a work which is of incalculable benefit to young men and women separated from the care of pious homes, as well as to those who previously have had little religious culture.

Separate prayer meetings are held Tuesday evening of each week, of about three-quarters of an hour in length. On Friday evening of each week a union meeting for prayer and praise is held.

These Associations conducted two Bible classes this year, one for the study of Life of Christ and one for the study of Bible characters.

The Athletic Association of the College is directed and controlled by the Y. M. C. A. Thus far attention has been given chiefly to outdoor sports. The Foot Ball team has been very successful since its organization four years ago. A regular Field Day has been added to the program of Commencement Week.

Examinations.

Examinations are held from time to time as it is thought necessary or advantageous to the progress of the students. At the discretion

of the teacher, other work assigned by him may be received as a substitute for an examination.

Promotions to advanced standing are made upon the basis of satisfactory examinations in the studies pursued, or the performance of such special work as the teacher may direct.

Class Standing.

A record of scholarship and deportment of each student is kept, and the report of the same is sent to the parent or guardian at the end of each term, and more frequently if requested.

Terms and Vacations.

The collegiate year consists of thirty-seven weeks, divided into three terms, as follows: Fall Term of twelve weeks, Winter Term of thirteen weeks, and Spring Term of twelve weeks.

There are two vacations, the usual holiday vacation lasting about two weeks, and a long summer vacation of thirteen weeks. (See Calendar, 2d page of cover). By this arrangement students can pursue their studies continuously during term time, and make the very best use of the long vacation for procuring the means necessary for prosecuting the work in the Institution. It is very important that students should commence with the beginning of the year and continue regularly until its close. Those so beginning will be *certain* to find satisfactory classification. Students may enter at any time and take such places as they are prepared for in classes already formed; but the best results are secured by those who commence at the opening of the year.

The Tressler Prize.

The College offers a gold medal to that member of the Senior class who shall write and present the best essay on a given subject assigned by the Faculty. Mr. Charles J. Tressler, of Carthage, Ill., received this prize in '98.

The Leon W. Berry Prize.

Leon W. Berry, of the city of Carthage, offers annually a gold medal to that regular member of the Freshman class who attains the highest average grade in all the studies of the regular College Courses for the year. The prize last year was awarded to Miss Ida J. Helfrich, Carthage, Ill.

Faculty Prize in Oratory.

The Faculty offers a prize to that member of the Junior class who in public contest shall produce the best original oration, regard being had for both thought and delivery.

Daughters of the American Revolution Prize.

Shadrach Bond Chapter of the Daughters of the American Revolution offers a prize, consisting of a set of books, to that member of the Junior class, who shall write the best essay on American History.

Grounds and Buildings.

The College grounds cover an area of about eighteen acres, and are situated in a pleasant part of the city, half a mile from the public square.

The main building of the College is a large and beautiful brick structure, built in modern style and well finished throughout. It is entirely devoted to recitation rooms, society halls, association room, chapel, library, reading room, museum, office, laboratory, and waiting room, all of which are large, well lighted, and furnished with all needed appliances. The rooms have been greatly improved in appearance within the past year.

Expenses.

The necessary expenses at Carthage College are exceedingly low. Special efforts are made to reduce each item of expense to the very lowest, so as to bring the advantages of a thorough collegiate education within the reach of all. A few students defray a part of their expenses by doing light work about the buildings and grounds, as well as in the city.

Tuition, Fall Term	$10.00
Tuition, Winter Term	12.00
Tuition, Spring Term	10.00
Tuition, per year	32.00
Music, 20 lessons on piano or organ	10.00
Voice, 20 lessons	10.00
Shorthand, for course of 20 lessons	8.00
Typewriting, for course of 10 lessons	4.00
Use of typewriter per month, one hour a day	3.00
Board, with furnished room, in private families, per week,	$2.50 to 3.00
Board Room Rent and Tuition per year,	$115.00 to 150.00

For students taking Chemistry a fee of $1.50 per term is charged to cover cost of materials used.

For students taking Freshman Science—Biology, Zoology, and Botany—a fee of $2.00 is charged for the year.

For students in Mineralogy a fee of $1.00 per term is charged.

Students entering for less than a term will be charged $1.00 per week for tuition.

In all cases tuition must be paid in advance. In cases only of protracted sickness will tuition be refunded.

Students leaving the institution without duly notifying the President and adjusting their accounts will be charged full term rates.

Those graduating from the College are charged a fee of $5.00 for diploma, and those graduating from the other departments, a fee of $2.00.

Money may be deposited with the President of the College to be disbursed as directed by parents or guardian. Moneys and other valuables may be deposited for safe keeping in the vault of the College.

Apparatus.

The College has a fine collection of physical and chemical apparatus, including some rare and costly pieces. Recently a biological laboratory has been equipped with compound microscopes and all necessary apparatus, reagents, charts, models, and other appliances. A choice collection has been formed of minerals for the use of students in Mineralogy and Geology. A good beginning of a museum has been made, to which additions are constantly received. Within the past year, Mrs. Phil. J. Schopp, of Greenville, O., donated to the College, in memory of her husband, a fine collection of minerals, comprising more than six hundred specimens, and including also a fine collection of fossils. These have been arranged in a separate cabinet and called "The Phil J. Schopp Collection."

The College also received the past year a complete set of surveyor's instruments, donated by Mrs. John Wolf, Olney, Ill.

Government.

The Government is vested in the Faculty. It is the aim as far as possible to combine both the civil and parental modes of governing.

Good conduct and faithful work are required. To secure these ends appeal is made to the honor and moral sense of the students. Students who cannot be reached by such means, and whose connection with the College is profitable neither to the institution nor to themselves, are not permitted to remain as a disturbing influence to the great body of diligent and faithful students.

College Rules.

Few rules are needed for the government of the students. The following have been found serviceable and necessary for the safety and good order of the College community. Their strict observance is insisted upon:

1. All students, except those who are residing with their parents or guardians in the city of Carthage, are under the direct control of the Faculty, and are required to observe study hours during the day and evening from 8 A. M. to 11 A. M.; from 2 P. M. to 4 P. M; and from 6:30 P. M.

2. During study hours all students remaining between recitation periods are required to be in the waiting room while not reciting.

3. Students from abroad are not permitted to attend entertainments which are not approved by the Faculty.

4. All students from a distance are required to obtain permission of the President before leaving the city.

5. Students having recitations at 9:05 and 10:10 A. M. are required to attend chapel.

Location.

Carthage is a pleasant, growing city of nearly three thousand inhabitants, the county seat of Hancock county, and closely connected by railroads with Quincy, Keokuk, Burlington, and Galesburg. The city is healthful, quiet, and moral; it licenses no liquor traffic, and is free from many of the temptations to vice common in larger cities. The people are noted for their intelligence and hospitality.

On arrival, students will call at the President's office in the College building where they will receive every attention and all necessary information in regard to board, rooms, classification, text books, etc.

For Catalogue or other information, address the President,

REV. J. M. RUTHRAUFF, D. D.,

CARTHAGE, ILLINOIS.

Legacies.

The College has recently received the following legacies:

1. Through the will of August Wendt, the Educational Committee of the Iowa Synod received $1000.00; the proceeds of which shall be used for the education in Carthage College of worthy young men for the ministry. Students from Newton, Iowa, shall have preference.

2. By the request of Frederick William Klemme, his heirs have given $1000.00 for the founding of a David L. Tressler Professorship. The Trustees have agreed to accept this proposition and to publish in the annual catalogue, as among the founders of said Professorship, the name of Mr. Klemme, and all others who give one thousand dollars or more toward meeting the conditions of the Denhart offer. The chair will be named by the Board of Trustees at its next session and a full list of donors given in the next Catalogue.

3. By the will of Willis Bernethy, Carthage, Ill., the College received $1000.00, to be applied to the permanent endowment fund.

Form of Bequest.

In making bequests, care should always be taken to use the correct and full corporate title of the College; also to state clearly the amount of bequest, and any special use, if any, for which it may be designed. The following general form of bequest is recommended:

I give, devise and bequeath to Carthage College, Carthage, Illinois, the sum of $..... (or if real estate or other property, describe accurately), said funds to be held by it and applied to the endowment fund of Carthage College (or if for other purpose, state clearly.) But in case the College should cease to be controlled by the General Synod of the Evangelical Lutheran Church of the United States of America, or a Synod or Synods belonging thereto, said money or proceeds shall revert to the Board of Education of said General Synod for the support of some other General Synod College on the present Carthage College territory.

Endowment.

The effort during the past year to raise the funds necessary to meet the proposition of Mr. Henry Denhart, who offers to give $10,000 and other assistance to the College, provided that the church will cancel the indebtedness and greatly increase the endowment fund of the institution, and provided that the citizens of Carthage

and vicinity build one building, and make needed improvements on the present building and grounds, has been attended with commendable success. The present indications are that the entire amount will be secured within the present collegiate year.

Donations to the College Library.

William S. and Abbie B. Heywood	Volumes 2
Carrie Wilman	Volumes 1
Rev. Paul Holtgreve	Volumes 14
Rev. R. Neuman	Volumes 6
Harvard College	Volumes 1
U. S. Government	Volumes 27

ALUMNI.

‡Officers of the Association.

PRESIDENT	REV. H. M. BANNEN, '88
FIRST VICE-PRESIDENT	E. K. CHERRILL, '95
SECOND VICE-PRESIDENT	ELIZABETH NACE HOLTGREVE, '86
THIRD VICE-PRESIDENT	MARY TRESSLER NEWCOMER, '87
SECRETARY	EDDY ROBBINS, '95
TREASURER	S. H. FERRIS, '82
BIOGRAPHER	PROF. P. E. MASON, '94
ORATOR	PROF. E. H. MENSEL, '87

1875

Ida Harris King, A. M.	Prescott, Iowa
Maggie Taylor Bowers, A. M.	Boise City, Idaho
Kate Thummel Fisher, M. S.	Prairieville
James M. Cromer, A. M., minister	Kansas City, Mo

1876

*Hon. George A. Anderson, A. M.	
Charles L. Ferris, A. M., physician	Carthage
T. J. Scofield, A. M., First Ass't Corporation Counsel	Chicago
Ina Elder, A. M., teacher	Decatur
Sophronia Nesbit, A. M., missionary organizer	Des Moines, Iowa
Hattie Scofield Cromer, A. M.	Kansas City, Mo
Rose Spitler Scofield, A. M.	Carthage
*Grace Cherrill, B. S.	
Ben L. Cress, M. S., civil engineer	Boulder, Col
J. M. Dempster Davidson, A. M., minister	Chicago
Oscar M. Easterday, M. S., real estate agent	Lincoln, Neb

*Deceased.

‡The Faculty and Officers of the Association desire to have the correct address of each graduate. It will be deemed a favor if the President of the institution and the Secretary of the Association be informed of errors and changes in address.

Joseph C. Elder, M. S., farmer - - - Carthage
J. Q. A. Kimmel, M. S., LL. B., attorney at law - Murphysboro
Judge A. A. Wolfersperger, M. S., attorney at law - Sterling

1877

Laura A. Manier, A. M., teacher of music - - Carthage
George H. Albright, A. M., minister - - - Roca, Neb
Rev. James E. Weir, A. M., college president - Del Norte, Col
J. J. Williams, A. M., attorney at law - - Kansas City, Mo
*Addie Logan Ray, A. M. - - - - -
Julia Scofield McKemey, A. M. - - Fairfield, Iowa
Jennie Fletcher, M. S., ex-missionary - - - Carthage
Mary Hawley Findley, M. S. - - - Peabody, Kan
Emma Sample Freeman, M. S. - - - Red Bluff, Cal

1878

L. P. Cravens, A. M., principal of schools - Lake City, Minn
Charles S. DeHart, A. M., banker - - - Carthage
John F. Fair, A. M., physician - - - - Freeport
Junius Colton Ferris, A. M., E. M., banker - - Carthage
William G. Gettle, A. M., minister - - Steinauer, Neb
E. Clark Hughes, A. M., attorney at law - - Seattle, Wash
J. Frank Keefer, A. M., physician - - - Sterling
George W. Loop, A. M., farmer - - - - Huntsville
Maggie Cravens, A. M., teacher - - - Middle Creek
Emma J. Cromer Ladd, A. M. - - - Des Moines, Iowa
Charles M. McMillan, M. S., farmer - - - Denver
M. G. Rohrbaugh, M. S., teacher - - Omaha, Neb

1879

Peter Ewald, A. M., minister - - - - Lyons, N. Y
W. G. Geiger, A. M., attorney at law - - Tipton, Iowa
Frank H. Helsell, A. M., lawyer and banker Sioux Rapids, Iowa
Albert B. Shrader, A. M., minister - - - Nevada, Iowa
H. M. Swope, A. M., attorney at law - - - Quincy
Rev. Caroline Bartlett Crane, A. M., post-graduate student
Chicago University, Chicago - - Kalamazoo, Mich

*Flora Manier Geiger, A. M. - - - -
Nellie Nesbit Hunn, A. M. - - - Des Moines, Iowa
Wm. H. Weaver, M. S., physician - - - Chicago
Hon. Scott M. Ladd, M. S., LL. D., Judge of Supreme Court - - - - - Des Moines, Iowa
Fernando Sanford, M. S., Head Professor of Physics in Leland Stanford Jr. University - Palo Alto, Cal
Alice E. Crawford Sanford, M. S. - - - Palo Alto, Cal
Hattie L. Tillapaugh Shrader, M. S. - - Nevada, Iowa
Mary V. Thompson, M. S., teacher - - - Carthage

1880

Stephen K. Bittenbender, A. B., fruit grower - San Jose, Cal
W. D. Henkle, A. B., journalist - - - - Anna
Herman Juilfs, A. M., minister - - - White Oak, Ohio
Andrew S. Zimmerman, A. M., minister - - Lansing, Mich
Emma DeHart Hughes, A. M. - - - Seattle, Wash
Frank M. Campbell, M. S., physician - - Claflins, Kan
Robert L. Casburn, M. S., physician - - - Carthage
Joseph G. Gilchrist, M. S., civil engineer - - St. Joseph, Mo
Minnie Gilchrist Woods, M. S. - - - Albany, N. Y
M. Blanche Griffin McArthur, M. S. - - Hamilton
M. Inez Robbins Bickford, M. S. - - - Plymouth

1881

Wm. F. Ebright, A. M., Superintendent of Schools Platte, Neb
Jos. H. Miller, A. M., physician - - David City, Neb
R. D. Zimbeck, A. M., physician - - Montevideo, Minn
*Clifford C. Musser, A. B. - - - -
Will O. Carleton, B. S., traveling salesman - St. Paul, Minn
Frank C. Harris, B. S., traveling salesman - - Chicago
Edgar F. Hurdle, B. S., farmer - - Wheatland, Wyoming
Josiah Kuhn, B. S., minister - - - - - Dixon
*W. P. Overman, B. S. - - - - -
John K. Reed, B. S., minister - - - - Oregon
Walter Vanzile, B. S., farmer - - - - Carthage
Adell Griffin Barnett, B. S. - - - Kansas City, Mo
Mary Overman Damrell, B. S. - - - Hastings, Neb

1882

Oscar E. Aleshire, A. M., insurance agent - Chicago
Stephen H. Ferris, A. M., banker - - - Carthage
A. C. T. Geiger, A. M., district judge - - Oberlin, Kan
Frank Wertz, A. M., attorney at law - - - Forreston
George H. Schnur, Jr., A. M., minister - - St. Paris, Ohio
Kate Griffith Hill, A. M. - - - - Carthage
Francisca Hopp Geiger, A. M. - - - - Oberlin, Kan
*Wm. V. Wier, B. S., M. D. - - - -
Florence J. Mereness Tressler, M. S. - - Cincinnati, Ohio
Susan Williams, M. S. - - - - - Carthage
David E. Mack, A. M., attorney at law - - Carthage

1883

W. Henry Blancke, A. B., minister - - Davenport, Iowa
Fannie M. Dryden, A. M., Convent of Sacred Heart - Albany, N. Y
Edwin S. Hoffman, A. B., minister - - Hornellsville, N. Y
*Mamie Hooker Daoust, A. B. - - -
Adam Schafer, A. B., minister - - - Weston, Ohio
Henry A. Spielman, A. B., hardware merchant Fairfield, Iowa
Jessie Williams, A. B., stenographer - - - Chicago
Lillie Zimmerman Schafer - - - - Weston, Ohio
Noah Fritz, A. B., manufacturer - - - Onida, S. D
D. Alban Kistler, B. S., publisher 4328 Oakenwald Street, Chicago
Alice Biery Miller, B. S. - - - - - Dixon

1884

Olive Hosford Fleck, A. B. - - - Dayton, Ohio
Lura V. Thompson, A. B., national organizer C. W. B. M. Carthage
Roberta Brewer Risse, B. S. - - - - Carthage
Julia Ferris Hubbs, B. S. - - - - Clayton
Mattie Gray, B. S. - - - - - Elderville

1885

Clara Browning Johnson, A. B. - - - Keokuk, Iowa
Minerva Holland, A. B. - - - - Carthage
*W. J. Martin, A. M. - - - - -

Ralph E. Scofield, A. B., attorney at law - Kansas City, Mo
A. L. Miller, B. S., physician - - - - Dixon
J. E. Williams, A. B., merchant - - - La Harpe

1886

Edwin Bollman, A. B., minister - - - Davenport, Neb
Sarah L. Hyde Mensel, A. B. - - - Ann Arbor, Mich
C. B. Lindtwed, A. B., minister - - - Northfield, Minn
Elizabeth Nace Holtgreve, A. B. - - Burlington, Iowa

1887

Paul B. Holtgreve, A. B., minister - - Burlington, Iowa
John H. Hyde, A. B., missionary - Ferozepore, Punjab, India
Julia Kellogg Goldwater, A. B. - - - - Prescott, Ari
*Sallie Manier, A. B. - - - - -
Laura McColm Dysinger, A. B. - - - Camden, Ind
Rev. E. H. Mensel, A. M., Ph. D., instructor in Middle High German, University of Michigan - Ann Arbor, Mich
Wm. H. Naffziger, A. B., minister - - Reedsburg, Ohio
Mary Tressler Newcomer, A. B. - - - Carthage
Abbie Kuhl Rizer, B. S. - - - - - Shipman

1888

Hugh M. Bannen, A. M., minister - - - Rockford
Albert F. Ernst, A. M., minister - - - Wayne, Neb
Fred W. Hawley, A. M.. synodical missionary Oklahoma City, O. T
Albert Miller, A. B., missionary - - Poabingsq, China
Harry H. Whitten, A. B., physician - - - Peoria

1899

W. S. Dysinger, A. B., minister - - - Camden, Ind
C. B. Newcomer, A. M., Prin. Normal Dep't - - Carthage
Bess A. Tressler Maloney, A. B. - - - Wacker

1890

Belle Bolton, B. S., teacher - - - Reinbeck, Iowa
J. L. Mishler, B. S., teacher - - - Reinbeck, Iowa
L. J. Motschmann, A. B., minister - - - Ft. Wayne, Ind

1891

Cleophas C. O'Harra, Ph. D., Prof. of Geology, State School of Mines - - - Rapids City, S. Dak

1892

C. B. Bekemeyer, attorney at law, - - - Springfield
H. C. Funk, A. B., minister - - - - Nokomis
Mrs. Lillian Monk, B. L. - - - - Nevada, Iowa
R. W. Saer, A. B., merchant - - - - Carthage

1893

Mollie Marvel O'Harra, B. S. - - Rapids City, S. Dak

1894

Will M. Beck, A. B., missionary Muhlenberg, Libera, Africa
Nellie Cherrill, B. L. - - - - - Carthage
George C. Cromer, A. B., minister - - - Litchfield
Maggie Delo, B. S., teacher - - - Braddock, Pa
Joseph Hegener, A. B., minister - - - Arenzville
Herbert L. Jackson, B. S., attorney at law - - Carthage
Penfield E. Mason, A. M., Professor of History - Carthage

1895

E. K. Cherrill, A. B., bank clerk - - - Carthage
T. Edwin Gill, B. S., merchant - - - - Carthage
*J. Louis Nace, A. B., - - - - -
C. W. Ramsey, B. S., teacher - - - Dallas City
J. Kent Rizer, A. B., minister - - - - Shipman
Eddy Robbins, B. S.. - - - - - Carthage
Annie E. Sanford, A. B., missionary - - - Guntur, India
O. B. Turner, A. B., teacher - - - - St. Marys

1896

Effie Cromer Nelson, B. S. - - - Hartington, Neb
M. Isabel Felgar Wilson, B. S. - - - - Niota
Leona May McAnulty, B. S. - - - - Carthage
John A. McCullough, A. B., minister - - - Salina, Kas
Matie H. Schlenker, B. L., teacher - - - Toledo, Ohio

1897

Matthew Mourning Anderson, B. L., assistant postmaster Hamilton
Martha Golden Davidson, B. S., teacher - - Carthage
Frederick William Jasper, B. L., jeweler - - Newton, Iowa
Alice Lillian Marvel, B. S. - - - - Carthage
Mary Coyle Noyes, B. S. - - - - Carthage
Samuel Brownlee Robbins, A. B., law student Madison, Wis

1898

Klaudius Knudten, A. B., theological student Springfield, Ohio
Mabel Hope Martinis, B. L. - - - - Carthage
Charles J. Tressler, A. B., law student - - Carthage

TWENTY-EIGHTH

ANNUAL CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

CARTHAGE COLLEGE

CARTHAGE, ILLINOIS.

COLLEGIATE YEAR 1899,--'00

CARTHAGE, ILL.,
DAVIDSON PRINTING HOUSE,
1900.

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Rev. W. H. Hartman.....Forreston
Rev. H. L. McGill.....Anna
Rev. M. F. Troxell, D. D.....St. Joe, Mo
Rev. W. Rosenstengel.....Carthage
Rev. R. G. Linker.....Meredosia
Mr. A. A. Krape.....Lena
Mr. Andrew Hans.....Newton, Ia
Mr. Henry Denhart.....Washington
Mr. R. Johnson.....Anna
Hon. O. F. Berry.....Carthage
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W. H. Felgar.

COMMITTEE ON BUILDINGS AND GROUNDS.

W. H. Felgar, O. F. Berry, A. W. O'Harra.

*Deceased.

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FACULTY AND INSTRUCTORS.

REV. J. M. RUTHRAUFF, A. M., D. D.,

President, and Professor of Mental and Moral Philosophy.

David L. Tressler Professorship.

WILLIAM W. TROUP, A. M.,

Professor of Ancient Languages.

JOHN A. SHOTT, PH. M.,

Professor of Natural Science.

RALPH H. McKEE, A. M.,

Professor of Chemistry.

(Absent on leave, at University of Chicago.)

PENFIELD E. MASON, A. M.,

Professor of History.

MARTIN OSTERHOLM, A. M., PH. D.,

Professor of English and Modern Languages.

PETER FIELD, A. M.,

Professor of Mathematics and Astronomy.

C. B. NEWCOMER, A. M.,

Professor, and Principal of the Normal Department.

ALFRED G. KENT,

Instructor.

FRED HENRY OTTMAN,

Teacher of Bookkeeping and Penmanship.

MISS COLOMA BROWNLEE,

Teacher of Shorthand and Typewriting.

MISS LAURA MANIER, A. M.,

Piano and Stringed Instruments.

MISS SUSAN M. DAVIDSON,

Teacher of Vocal Culture, Sight Singing; Chorus Director.

J. A. SHOTT,

Secretary of the Faculty.

MARTIN OSTERHOLM,

Librarian.

MRS. MARY L. NEWCOMER,

Treasurer of the Contingent Fund.

SAMUEL P. CAMP,

Janitor.

STUDENTS.

COLLEGE.

SENIOR CLASS.

NAME.	*COURSE.*	*RESIDENCE.*
Badger, Roy Marean	Classical,	Springfield
Baird, James Arthur	Classical,	Carthage
Elder, Maude Beatrice	Literary,	Hamilton
Ferris, Hiram Gano	Scientific,	Fountain Green
Naylor, Samuel, Jr.	Classical,	Carthage
Ottman, Fred Henry	Classical,	Central Bridge, N. Y
Pennock, Emily Cynthia	Scientific,	Carthage
Phillips, Tilden Frank	Scientific,	Mt. Carroll
Ringheim, Bess Juliette	Scientific,	Nevada, Ia
Schuff, Ellen Babette	Classical,	Burlington, Ia
Simmons, Anna Letta	Scientific,	Nevada, Ia
Sparks, Charles Elmer	Classical,	West Point

JUNIOR CLASS.

Cherrill, Lucy Sholl	Scientific,	Carthage
Helfrich, Ida Josephine	Scientific,	Carthage
James, Eula Elizabeth	Scientific,	Bentley
Jones, Harry Lee	Scientific,	Washington
Lane, Bertha	Scientific,	Carthage
McKee, Charles Romney	Scientific,	Clinton, Mo
Utesch, John Henry	Irregular,	Yutan, Neb

SOPHOMORE CLASS.

Bartholomew, William Edward	Scientific,	Elvaston
Crotzer, Mary E.	Scientific,	Lena
Cutler, Clyde	Scientific,	Carthage
Damert, M. Daisie	Scientific,	Lena
Loeffler, Mae S.	Scientific,	Washington
Fonken, George Harold	Classical,	Forreston

McCully, Harriet Elizabeth	Classical,	Carthage
Matthis, Ben L.	Classical,	Pearl City
Mayor, Elizabeth Tuttle	Scientific,	Carthage
Newcomer, Nellie L.	Scientific	Polo
Ruthrauff, William Morrison	Classical,	Carthage
Trombold, George J.	Classical,	Pittsfield
Wilhelmsen, Anna Marie	Classical,	Stavanger, Norway

FRESHMAN CLASS.

Ashford, John Harvey	Classical,	Nevada, Ia
Bradshaw, Frank	Irregular,	La Harpe
Brinkman, Harry	Scientific,	Warsaw
Dunaway, Lewis A.	Irregular,	Monroe, Wis
Ferris, Helen	Scientific,	Carthage
Gould, J. Howard	Scientific,	St. Marys
Helfrich, Leo	Irregular,	Carthage
Lease, Leonard J.	Scientific,	Nokomis
McAnulty, Ethel Electa	Scientific,	Carthage
McMahan, Merle	Scientific,	Carthage
McCallister, John Henry	Classical,	Bentley
McCully, Will A.	Scientific,	Carthage
Proctor, Margaret Emily	Scientific,	Carthage
Ruthrauff, Nellie May	Scientific,	Carthage
Sholl, Roxana L.	Classical,	Carthage
Stakemiller, Charles Walter	Scientific,	Mt. Carroll
Steenks, Leonard J.	Classical,	Springfield
Walter, George Earl	Classical,	Fairview
Webb, Blanche Edith	Scientific,	Nauvoo
White, Minnie Etta	Scientific,	Carthage

Corrections: Add. to Freshman Class, page 7. Culkin, John Jr., Classical, Carthage.

Corrected College Roll: 157.

Orator Alumni Association, page 58. Rev. Andrew S. Zimmerman, A. M., '80.

STUDENTS.

COLLEGE.

SENIOR CLASS.

NAME.	*COURSE.*	*RESIDENCE.*
Badger, Roy Marean	Classical,	Springfield
Baird, James Arthur	Classical,	Carthage
Elder, Maude Beatrice	Literary,	Hamilton
Ferris, Hiram Gano	Scientific,	Fountain Green
Naylor, Samuel, Jr.	Classical,	Carthage
Ottman, Fred Henry	Classical,	Central Bridge, N. Y
Pennock, Emily Cynthia	Scientific,	Carthage
Phillips, Tilden Frank	Scientific,	Mt. Carroll
Ringheim, Bess Juliette	Scientific,	Nevada, Ia
Schuff, Ellen Babette	Classical,	Burlington, Ia
Simmons, Anna Letta	Scientific,	Nevada, Ia
Sparks, Charles Elmer	Classical,	West Point

JUNIOR CLASS.

Cherrill, Lucy Sholl	Scientific,	Carthage
Helfrich, Ida Josephine	Scientific,	Carthage
James, Eula Elizabeth	Scientific,	Bentley
Jones, Harry Lee	Scientific,	Washington
Lane, Bertha	Scientific,	Carthage
McKee, Charles Romney	Scientific,	Clinton, Mo
Utesch, John Henry	Irregular,	Yutan, Neb

SOPHOMORE CLASS.

Barth
Crotze
Cutler
Dame
Loeffle
Fonke

McCully, Harriet Elizabeth	Classical,	Carthage
Matthis, Ben L.	Classical,	Pearl City
Mayor, Elizabeth Tuttle	Scientific,	Carthage
Newcomer, Nellie L.	Scientific	Polo
Ruthrauff, William Morrison	Classical,	Carthage
Trombold, George J.	Classical,	Pittsfield
Wilhelmsen, Anna Marie	Classical,	Stavanger, Norway

FRESHMAN CLASS.

Ashford, John Harvey	Classical,	Nevada, Ia
Bradshaw, Frank	Irregular,	La Harpe
Brinkman, Harry	Scientific,	Warsaw
Dunaway, Lewis A.	Irregular,	Monroe, Wis
Ferris, Helen	Scientific,	Carthage
Gould, J. Howard	Scientific,	St. Marys
Helfrich, Leo	Irregular,	Carthage
Lease, Leonard J.	Scientific,	Nokomis
McAnulty, Ethel Electa	Scientific,	Carthage
McMahan, Merle	Scientific,	Carthage
McCallister, John Henry	Classical,	Bentley
McCully, Will A.	Scientific,	Carthage
Proctor, Margaret Emily	Scientific,	Carthage
Ruthrauff, Nellie May	Scientific,	Carthage
Sholl, Roxana L.	Classical,	Carthage
Stakemiller, Charles Walter	Scientific,	Mt. Carroll
Steenks, Leonard J.	Classical,	Springfield
Walter, George Earl	Classical,	Fairview
Webb, Blanche Edith	Scientific,	Nauvoo
White, Minnie Etta	Scientific,	Carthage

ACADEMIC.

SENIOR CLASS.

Baird, Agnes	Carthage
Finkenbinder, Elmer	Kent
Mason, Paul	Carthage
Ringheim, Ed.	Nevada, Ia
Walker, Clarence	Carthage

MIDDLE CLASS.

Aitchison, Robert	Carthage
Ayers, Clark	Carthage
Burner, Mabel	Bentley
Carroll, Emma	Elvaston
Clark, Edward	Carthage
Davidson, Myrtle	Basco
Davis, Eva	Camp Point
Davis, George	Carthage
Edmunds, Pearl	Lohrville, Ia
Edwards, Frank	Carthage
Goodrich, Rex	Carthage
Harris, Claudia	Carthage
Hazen, Zella	Hamilton
Helfrich, Guy	Carthage
Kingsley, Ethel	Carthage
Lane, Leon	Carthage
Lebo, Harry E.	Forreston
McCallister, Stella	Bentley
McCullough, Mabel	Carthage
McCully, Clinton	Carthage
Osgood, Jennie	Bentley
Reu, Fritz	Burnside
Rhea, Jessie	Colusa
Rosenstengel, Marie	Carthage
Scott, William	Ferris

Shepherd, Clyde	Carthage
Shippert, Charles	Nachusa
Shippert, John	Nachusa
Shultz, Lottie	Shipman
Stidum, Roy	Burnside
Stewart, Bert	Ferris
Sympson, Lake	Carthage
Thomas, George	Elvaston
Thornber, Mary	Powellton
Todd, Effie	Carthage
White, George	Carthage
Williams, Waldo	Santa Lucia, Texas

JUNIOR CLASS.

Cherrill, Arch	Carthage
Duffy, May	Carthage
Helms, Clay	Carthage
Kingsley, Hugh	Carthage
Petersen, Henry	Story City, Ia
Wirt, Edgar	Des Moines, Ia

NORMAL.

Carroll, Emma	Elvaston
Clark, Ed.	Carthage
Davidson, Myrtle	Basco
Davis, Eva	Camp Point
Davis, George	Carthage
Edwards, Frank	Ferris
Goodrich, Rex	Carthage
Harris, Claudia	Carthage
Osgood, Jennie	Bentley
Reu, Fritz	Burnside
Stewart, Bert	Ferris
Sympson, Lake	Carthage
Thomas, George	Elvaston

Thornber, Mary	Powellton
White, George	Carthage

SUMMER NORMAL.

Amanda Aldrich,	La Harpe
Lulu Ayers,	Carthage
Maud Alton,	Fountain Green
C. H. Biggs,	Basco
Ruby Beedle,	Elderville
Bertha Bird,	Carthage
Adele Brady,	Nauvoo
Mayme Berger,	Carthage
Paul Califf,	Carthage
Maymie Cunningham,	Ferris
Maud Dexter,	Augusta
Myrtle Davidson,	Basco
Lulu Daily,	Carthage
Mae Dye,	Carthage
Bessie Durant,	Sonora
Helen Faulkner,	Nauvoo
Mary Grindle,	Ferris
Mary Glynn,	Colusa
Minerva Gable,	Elderville
Jennie L. Garwood,	Augusta
Carolyn Holmes,	Augusta
Clara Hubbell,	Carthage
Clay Helms,	Carthage
Willie Hughes,	Carthage
Myrtle Hughes,	Denver
Bird Hawkins,	Basco
Hettie Jacoby,	Carthage
Bessie Kennedy,	Carthage
Carrie Knobbs,	La Harpe
Jennie Latherow,	Fountain Green
G. M. McCreary,	Carthage
Ruby Miller,	Carthage
Lillie McKay,	Basco

Estella Morris,	Ferris
Maydesta Morris,	Ferris
Lillie McCune,	Hickory Ridge
Iona Matthews,	Hickory Ridge
Samuel Naylor,	Carthage
W. O. Powell,	Fountain Green
Levering Palmer,	Carthage
Edythe Richardson,	Ferris
Emma Schell,	Carthage
Anna Sebree,	Carthage
M. Emma Stinson,	Stillwell
Mergie Sweeney,	Carthage
C. P. Sparks,	West Point
Florence Salisbury,	Carthage
Elizabeth Smith,	Colchester
Bertha Todd,	Carthage
Nellie Tuck,	Plymouth
Vorta M. Walker,	Elvaston
Henry Walker,	Carthage
Emma Wilke,	La Harpe
Luella White,	Fountain Green

MUSIC.

Grace Burner,	Bentley
Mattie Bray,	Carthage
Nellie Byington,	Carthage
Ethel Curts,	Carthage
Blanche Camp,	Carthage
Miss Carroll,	Carthage
Margaret Clark,	Carthage
Anna Davis,	Carthage
Rene Ervin,	Carthage
Dorothy Ferris,	Carthage
Ellen Ferris,	Carthage
Marguerite Geiger,	Carthage

Helen Geiger, - - - - - - Carthage
Eva Hazen, - - - - - - Hamilton
Stuart Hoover, - - - - - - Clarksdale, Mo
Ruth Harper, - - - - - - Carthage
Pearl Harper, - - - - - Carthage
Hettie Jacoby, - - - - - - Carthage
Dotie Johnson, - - - - - - Carthage
Grace Kunkel, - - - - - - Ferris
Jessie Lamphere, - - - - - - Ferris
Nellie Lauderbaugh, - - - - - Elvaston
Alice Monnier, - - - - - - Basco
Jesmine Manussier, - - - - - Basco
Ethel McAnulty, - - - - - Carthage
Miss McCall, - - - - - - Ferris
Mary McAuley, - - - - - Carthage
Olive Nair, - - - - - Carthage
Miss O'Gilvie, - - - - - - Carthage
Julia Pence, - - - - - - Carthage
Miss Ranck, - - - - - - Adrian
Lottie Ruddel, - - - - - - Elvaston
Erma Rand, - - - - - - Carthage
Mrs. Rucker, - - - - - - Carthage
Zoa Simmons, - - - - - - Carthage
Eva Swain, - - - - - - Carthage
Mrs. Stome, - - - - - - Burnside
Annie Sebree, - - - - - - Carthage
Mrs. Timberlake, - - - - - Bentley
Bessie Todd, - - - - - - Carthage
Mrs. J. A. Califf, - - - - - Carthage
Mrs. Gaylord Davidson, - - - - - Carthage
Grace Davidson, - - - - - Carthage
Floy Davidson, - - - - - - Carthage
Gertrude Edmunds, - - - - - Carthage
Lucile Rand, - - - - - - Carthage
Eulalie Robbins, - - - - - Carthage
Will Ruthrauff, - - - - - - Carthage

Julia Warner, - - - - - - Carthage
Lee Walker, - - - - - - - Carthage

SPECIAL STUDENT.

Krape, Katherine L. - - - - - - Lena

SUMMARY.

COLLEGIATE DEPARTMENT—

SENIORS,	12	
JUNIORS,	7	
SOPHOMORES,	13	
FRESHMAN,	20	
SPECIAL,	1	53

ACADEMIC DEPARTMENT—

SENIOR,	5	
MIDDLE,	37	
JUNIOR,	6	48

NORMAL DEPARTMENT, - - - - - - 15

SUMMER NORMAL, - - 55 70

MUSICAL DEPARTMENT, - - - - - - 50 50

TOTAL, - - - - - - - 221

NAMES REPEATED AND PRIVATE PUPILS NOT REGISTERED AS STUDENTS, - - - - - 65

COLLEGE ROLL, - - - - - - - - - - 156

COLLEGIATE DEPARTMENT.

While the College believes that certain branches of study are essential to the highest intellectual development and the broadest culture of the student, yet it holds that different curricula of studies may be made to serve the great aims and ends of education. It therefore offers three courses, each leading to a degree, viz:

The Classical Course, leading to the degree of Bachelor of Arts;

The Scientific Course, leading to the degree of Bachelor of Sciences;

The Literary Course, leading to the degree of Bachelor of Letters.

The number of credits required for the completion of these courses is the same in each.

CLASSICAL COURSE.

This course places special emphasis upon the study of the language, literature, and history of the Greeks and Romans. It includes full work in the English Language, in Philosophy and History, as well as one year of Science, and Mathematics up to and including Trigonometry. Provision is made in the Junior and Senior years whereby the student may elect work in the Sciences, Mathematics, and Modern Languages which is not offered in the requirements in this course. The Classical course leads by the most approved means to the most perfect discipline of the mental powers, and all those who intend to enter any of the learned professions, and especially the Christian ministry, are earnestly advised to pursue this course.

SCIENTIFIC COURSE.

This course emphasizes the study of the Natural Sciences and Mathematics, both with reference to their disciplinary value and their practical importance. Science is a required study throughout the course. It includes four years' work in English, full work in Philosophy and History, and requires two years of German

and one year of French, in lieu of the Greek and the additional Latin required in the Classical Course. In the Junior and Senior years, opportunity is offered for electing further work in the Modern Languages.

LITERARY COURSE.

This course emphasizes the study of the Modern Languages and English. Omitting the Classical Languages entirely, it compensates for this by requiring three years of German, English throughout the course, and two years of French. All the History and Philosophy, most of the Sciences, and Mathematics throughout the Freshman year, are required in this course. In the Junior and Senior years, electives are offered in all the departments.

REQUIREMENTS FOR ADMISSION INTO THE FRESHMAN CLASS.

I. LATIN:

(*a*) Collar & Daniell's First Latin Book. Latin Grammar; Allen & Greenough, Harkness, or Bennett.

(*b*) *Via Latina.* Cæsar, four books of Gallic War.

(*c*) Cicero; four orations against Catiline, For Roscius, For Archias.

(*d*) Vergil; Æneid, Books I.-VI., with Prosody.

(*e*) Prose Composition; thirty Lessons of Bennett's Latin Prose Composition.

II. GREEK:

(*a*) White's Beginner's Greek Book. Goodwin's Greek Grammar.

(*b*) Xenophon; Anabasis, four Books.

(*c*) Prose Composition; the equivalent of the first twenty lessons of Jones' Greek Prose Composition.

III. HISTORY:

(*a*) United States History. McMaster, or its equivalent.

(*b*) General History. Myers, or equivalent.

IV. MATHEMATICS:

(*a*) Arithmetic complete.

(*b*) Algebra, through Quadratics. Fisher & Schwatt, or equivalent.

(*c*) Geometry, Plane and Solid complete. Phillips & Fisher.

V. ENGLISH:

(*a*) English Grammar, Orthography, Composition, Elementary Rhetoric, English Literature.

(*b*) The student will be expected to write an essay on some subject, correct in spelling, punctuation, sentence structure, and paragraphing. The subjects for 1900-1901 are Scott's Ivanhoe, Irving's Alhambra, Bryant's Thanatopsis, and Longfellow's Hiawatha.

VI. SCIENCE:

(*a*) Descriptive and Political Geography.

(*b*) Elementary Zoology. Packard.

(*c*) Physiology. Blaisdell.

(*d*) Elementary Physics. Carhart and Chute.

(*e*) Physical Geography. Tarr.

Candidates for admission to the Freshman Class of the Classical Course are examined in all of the above, except V. *b* and VI. *b*, *c*. Real equivalents in the work of Ancient Languages will be accepted.

Candidates for admission to the Freshman Class of the Scientific Course will be examined in all of the above except II.

Candidates for admission to the Freshman Class of the Literary Course will be examined in all of the above except II., I. *d*, and half of I. *c*.

For a complete outline of all the courses in this department, see Academic Department.

Graduates of the Academic Department of Carthage College are admitted to the corresponding courses of the Collegiate Department without examination. Graduates of the Carthage High School and other accredited High Schools and Academies are admitted to the

various courses of the College on the same conditions as those from our Academy.

CONDITIONED STUDENTS.

Applicants for admission to the Freshman Class, who are deficient in not more than two subjects, may be admitted conditionally, all conditions to be removed by the end of the Freshman year, the students meanwhile maintaining good standing in their regular classes. Such conditions must be removed by credits received by taking the subjects with the regular Academic classes.

ADVANCED STANDING.

Candidates for admission to advanced standing must sustain an examination in the studies previously pursued by the class they propose to enter. Under this regulation, students are admitted at any time within the year. Under certain restrictions, credits, *without examination*, are given for work of like grade done in other institutions. In all cases the applicant must present a certificate of honorable dismissal from the college where these credits were earned.

SPECIAL STUDENTS.

Students who do not desire to pursue a regular course of study may pursue a select course if they are prepared to take the work of the regular classes pursuing those branches. Such students must take the examination with the regular class, are subject to all the rules and regulations of the College, and are expected to take sufficient work to occupy fully their time.

ELECTIVES.

All the studies of the Freshman and Sophomore years are required in all the courses. In the Junior and Senior years, in addition to the required studies, a liberal list of electives is offered. In addition to the general electives offered (see Synopsis of Courses of Study) the student is permitted to elect any study offered in other courses and

not required in his own. These electives are restricted in the sense that an election of a certain study at the beginning of the year imposes upon the student the requirement that in the following two terms he pursue certain studies designated by the faculty at the time of the first election. This regulation is intended to prevent the too common abuses of the elective system, and is favorable to the student who desires to acquire mastery in any particular line. When the election has been made and cognate subjects assigned, no deviation can be made from this order except upon the application of the student and by the unanimous consent of the faculty.

SUBSTITUTIONS.

No substitution of elective work for required work, nor of required work in one department for different required work in another department, may be made without the approval of the majority of the Faculty and the concurrence of the Professor in whose department the proposed substitution is to be made.

REQUIREMENTS FOR GRADUATION.

The work covers a period of four years. The number of recitations a week necessary to complete the courses leading to a degree is eighteen for the Freshman, Sophomore, and Junior classes, and fifteen for the Senior class. No student will be recommended for graduation who does not take all the prescribed studies in the course leading to the degree applied for. Nor will anyone, without special permission of the Faculty, be permitted to have more recitations than the number assigned to the class of which he is a member.

SYNOPSIS OF COURSES OF STUDY.

The following synopsis exhibits in comparative form the several courses of study. For full description of the departments of instruction, see "Description of Courses," page 24, and following. In the following tables, the numbers at the right indicate the recitations per week in the respective subjects:

SYNOPSIS OF COURSES OF STUDY—FRESHMAN YEAR.

FIRST TERM.

For B. A. Degree.	For B. S. Degree.	For B. L. Degree.
English; Rhetoric and Composition3	English; Rhetoric and Composition3	English; Rhetoric and Composition3
Mathematics; Algebra.... 4	Mathematics; Algebra....4	Mathematics; Algebra.....4
History; Greek..... 3	History; Greek 3	History; Greek.....3
Latin: Cicero, De Senectute; and Latin Prose.....4	Latin: Cicero, De Senectute; and Latin Prose 4	German; Grammar..... 4
Greek; Lyslas and Greek Prose....4	Science; Biology..... 4	Science; Biology 4

SECOND TERM.

English; Rhetoric and Composition3	English; Rhetoric and Composition3	English; Rhetoric and Composition3
Mathematics; Algebra..... 4	Mathematics; Algebra....4	Mathematics; Algebra.....4
History; Greek and Roman.... 3	History; Greek and Roman.... 3	History; Greek and Roman.....3
Latin: Livy, Book I.; Sight Reading4	Latin: Livy, Book I.; Sight Reading4	German; Grammar and Reader....4
Greek; Iliad, Books I. and II.....4	Science; Comparative Zoology.....4	Science; Comparative Zoology. 4

THIRD TERM.

English; Rhetoric and Composition3	English; Rhetoric and Composition3	English; Rhetoric and Composition3
Mathematics; Trigonometry 4	Mathematics; Trigonometry.....4	Mathematics; Trigonometry.....4
History; Roman.....3	History; Roman..... 3	History; Roman.....3
Latin: Livy, Book XXI.; Sight Reading.....4	Latin: Livy, Book XXI.; Sight Reading.....4	German; Grammar and Easy Prose.....4
Greek; Iliad, Books III.-VI.... ...4	Science; Botany..... 4	Science; Botany.....4

SYNOPSIS OF COURSES OF STUDY--SOPHOMORE YEAR.

FIRST TERM.

FOR B. A. DEGREE.	FOR B. S. DEGREE.	FOR B. L. DEGREE.
English; Old English.... 3	English; Old English 3	English; Old English 3
History; Mediæval and Modern...3	History; Mediæval and Modern....3	History; Mediæval and Modern. ..3
Latin; Odes and Epodes of Horace4	Mathematics; Analytical Geometry4	French; Grammar and Reader. ...4
Greek; Electra of Sophocles.....4	German; Grammar.....4	German; Modern Selections.... ...4
Science; Chemistry..... 4	Science; Chemistry.....4	Science; Chemistry.....4

SECOND TERM.

English; Chaucer, Spenser.... 3	English; Chaucer, Spenser.....3	English; Chaucer, Spenser.....3
History; Mediæval and Modern...3	History; Mediæval and Modern... 3	History; Mediæval and Modern....3
Latin; Horace; Satires, Epistles..4	Math.; Differential Calculus.....4	French; Grammar and Reader 4
Greek; Medea of Euripides. 4	German; Grammar and Reader....4	German; Modern Selections.....4
Science; Chemistry.... 4	Science; Chemistry.....4	Science; Chemistry 4

THIRD TERM.

English; English Literature 3	English; English Literature..... 3	English; English Literature.....3
History; Mediæval and Modern...3	History; Mediæval and Modern.. .3	History; Mediæval and Modern....3
Latin; Quintilian, Book X.....4	Mathematics; Integral Calculus....4	French; Grammar and Easy Prose.4
Greek; Plato's Apology and Crito.4	German; Grammar and Easy Prose4	German; Modern Selections 4
Science; Physiology..... 4	Science; Physiology 4	Science; Physiology..... 4

SYNOPSIS OF COURSES OF STUDY--JUNIOR YEAR.

FIRST TERM.

For B. A. Degree.	For B. S. Degree.	For B. L. Degree.
English; English Literature.....3	Science; Physics.....3	English; English Literature.....3
Philosophy; Psychology.....4	German.....4	German.....3
Bible; O. T. History.....3	French; Grammar and Reader 4	French.....3
	Philosophy; Psychology.....4	Philosophy; Psychology.....4
	Bible; O. T. History.....3	Bible; O. T. History.....3

SECOND TERM.

English; English Prose Writers ...3	Science; Physics.....3	English; English Prose Writers....3
Philosophy; Psychology.....4	German.....4	German.....3
Bible; O. T. and N. T. History 3	French; Grammar and Reader 4	French.....3
	Philosophy; Psychology.....4	Philosophy; Psychology.....4
	Bible; O. T. and N. T. History.....3	Bible; O. T. and N. T. History 3

THIRD TERM.

English; English Prose Writers...3	Science; Physics.....3	English; English Prose Writers... 3
Philosophy; Logic.....4	German.....4	German.....3
Bible; N. T. History.....3	French; Grammar and Easy Prose4	French 3
	Philosophy; Logic.....4	Philosophy; Logic.....4
	Bible; N. T. History.....3	Bible; N. T. History.....3

A number of the following Electives, sufficient to give the student 18 recitations a week, must be taken:
Latin—Open to students of A. B. Course, 3 terms, 4 hours a week.
Greek—Open to students of A. B. Course, 3 terms, 3 hours a week.
German—Open to students of A. B. Course, 3 terms, 4 hours a week.
French—Open to students of A. B. Course, 3 terms, 4 hours a week.
Analytical Geometry and Calculus—Open to students of A. B. and B. L. Courses, 3 terms, 4 hours a week.
Physics—Open to students of A. B. and B. L. Courses, 3 terms, 3 hours a week.
Bible Study—Open to students of all Courses, 3 terms, 2 hours a week.

SYNOPSIS OF COURSES OF STUDY—SENIOR YEAR.

FIRST TERM.

FOR B. A. DEGREE.	FOR B. S. DEGREE.	FOR B. L. DEGREE.
English Literature; Masterpieces..2	English; English Literature.....3	English Literature; Masterpieces..2
Philosophy; Ethics.....3	Philosophy; Ethics.....3	Philosophy; Ethics.....3
History of Civilization.....3	Science; Geology.....3	History of Civilization.....3

SECOND TERM.

English Literature; Masterpieces..2	English; English Prose Writers....3	English Literature; Masterpieces..2
Evidences; Natural Theology.....3	Evidences; Natural Theology.....3	Evidences; Natural Theology.....3
Political Science; Political Economy3	Science; Geology.....3	Political Science; Political Economy3

THIRD TERM.

American Literature; Masterpieces2	English; English Prose Writers....3	American Literature; Masterpieces2
Evidences; Christian Evidences...3	Evidences; Christian Evidences...3	Evidences; Christian Evidences....3
Political Science; Political Economy3		Political Science; Political Economy3

A number of the following ELECTIVES, sufficient to give the student 15 recitations a week, must be taken:
Latin—Open to students of A. B. Course, 3 terms, 3 hours a week.
Greek—Open to students of A. B. Course, 3 terms, 3 hours a week.
Hebrew—Open to students of A. B. Course, 3 terms, 3 hours a week.
German—Open to students of B. S. and B. L. Courses, 3 terms, 3 hours a week.
French—Open to students of B. S. and B. L. Courses, 3 terms, 3 hours a week.
Italian—Open to students of all Courses, 3 terms, 3 hours a week.
Spanish—Open to students of all Courses, 3 terms, 3 hours a week.
Philosophy—Open to students of all Courses, 3 terms, 2 hours a week.
Astronomy—Open to students of all Courses, 1st and 2d terms, 2 hours a week.
Geology—Open to students of A. B. and B. L. Courses, 1st and 2d terms, 2 hours a week.
Political Science—Open to students of B. S. Course, 3 terms, 3 hours a week.
English Masterpieces—Open to students of B. S. Course. 3 terms, 2 hours a week.
Mineralogy—Open to students of all Courses, 3d term, 3 hours a week.
History, English and American—Open to students of all Courses, 3 terms, 2 hours a week.

DESCRIPTION OF COURSES.

The following detailed statement of courses furnishes an explanation of the preceding synopsis. In most of the departments the description follows the order of the collegiate years in which the various studies are pursued. Wherever this plan is deviated from, the description itself will make sufficiently clear what classes are expected to pursue the branches indicated:

Latin

The purpose of the instruction in this department is: First, to acquaint the student thoroughly with the principles of the language itself. Second, to give the student a knowledge of the development of the language, of its main literary features, and an acquaintance with the moral and social problems which the Romans endeavored to solve. In the early part of the course the chief writers of the late Republic and early Empire are read. Rapid reviews of forms and syntax are given, and literal translations into English are insisted upon. Auxiliary to these aims, composition based upon the text which is being read is required frequently.

As the student acquires larger familiarity with the language, the stylistic and historical elements are brought into prominence, and by reading large portions of their masterpieces a critical examination of the literary characteristics of the various authors is attempted.

FRESHMAN YEAR:

FALL TERM: Cicero, *De Senectute*, is read. The indebtedness of the English language to the Latin is pointed out by constant reference to Cicero's large and varied vocabulary. Latin composition one hour a week.

WINTER TERM: Livy; Book I. Sight reading is required from Viri Romæ, Nepos, Vergil's Æneid VII., or Cicero, Pro Poeta Archia. Latin composition one hour a week.

SPRING TERM: Livy; Book XXI., and selections from XXII. Sight reading continued. Prose composition from dictated sentences based on the text read. One hour a week is devoted to the study of Roman Literature (Prof. Wilkins' Primer). *Freshman course, four hours a week, required of Classical and Scientific students.*

SOPHOMORE YEAR:

FALL TERM: Horace; Odes, Books I. and II., and Epodes. Review of Latin Prosody and study of Horatian Metres. The pupil is required to memorize several odes assigned by the instructor. Kelsey's Sketch of Roman Mythology. Sight reading.

WINTER TERM: Horace, Satires and Epistles, selected. Scansion of the entire text read.

SPRING TERM: Quintilian; Institutes, Books X. and XII. The attention of the student is directed to the differences in syntax and diction, as exhibited by Quintilian and the authors previously read. Sight reading. *Sophomore Course, four hours a week required of Classical students.*

JUNIOR YEAR:

FALL TERM: Juvenal and Persius. Scansion of the entire text read. Study of the life and manners of the Romans under the early Emperors. Sight reading.

WINTER TERM: Tacitus; Germania and Agricola. Study of the Colonial Policy of Imperial Rome. The characteristics of Tacitus' Style.

SPRING TERM: Cicero; Tusculan Disputations. This work will be read in large installments, and much time will be given to the discussion of the subject matter of the Dialogue under consideration. *Junior Course, three hours a week, elective for all who have taken the Sophomore Course.*

SENIOR YEAR:

FALL TERM: Suetonius; Lives of the Cæsars, *Julius, Augustus, Tiberius.*

WINTER TERM: Tacitus, History and Annals or, selected letters of Pliny and Cicero.

SPRING TERM: Lucretius, *De Natura Rerum*; or, some one or more of the philosophical works of Cicero.

The Senior Course, three hours a week, is elective, and is subject to change to suit the requirements of the class.

English

Three objects are kept in view in this department:

(1) To study the correct use of English as a written and as a spoken language.
(2) To study the language historically.
(3) To study the History of English and American Literature and to become acquainted with some of the Masterpieces.

The first two years are concerned with the first two objects; the first year with Composition and Rhetoric, the second year with the historical development of the language and the study of Chaucer, Spenser, and their contemporaries. For these years the instruction aims to be practical and disciplinary. The last two years are intended to give the student a general survey of the History of English and American Literature, and to widen his appreciation and interest for the representative works.

FRESHMAN YEAR:

Herrick and Damon's Composition and Rhetoric will be used throughout the year. This text will form the basis of all theoretical work, and the principles therein found will be applied in daily themes. More extended compositions will also be required. Considerable attention will be given to paraphrasing and abstracting. This work is required for all courses. Three hours a week.

SOPHOMORE YEAR:

A part of the year will be given to the study of Anglo Saxon. Smith's Anglo Saxon Grammar and Bright's Anglo Saxon Reader

will be used. The class will, during the remainder of the year, read critically Chaucer's Canterbury Tales, Spenser's Færie Queene, and Shakespeare's Macbeth. Pancoast's Introduction to English Literature. Five essays and one oration during the year. This is required work for all courses. Three hours a week.

JUNIOR YEAR:

History of English Literature in connection with the study of masterpieces throughout the year. Clark's, A Study of English Prose Writers. Special attention will be given to the study of the works of seventeenth and eighteenth century writers. The students will be required to do original investigation from references furnished by instructor. Four essays and two orations during the year. This work is required for all courses. Three hours a week.

SENIOR YEAR:

History of Literature and study of Masterpieces throughout the year. The first two terms will be devoted to the study of Bates' Talks on Literature and Saintsbury's Nineteenth Century Literature, in connection with critical reading of recent writers. The last term, American Literature will be studied, with Painter's Introduction to American Literature as text book. Each student will during the year be required to make an independent study of one masterpiece for each half year, embodying the results in a critical essay, and to deliver two orations. This work is required for students in the Classical and Literary courses and elective for students in the Scientific course. Two hours a week.

History

The first aim of the Department of History is to give the student a clear view of the whole field of political history, especially forcing upon his attention the unity of political history, the relation of events as cause and effect, and the salient features and most important events of each period. The course begins in the Freshman year with the study of Greek and Roman History. Here it is shown how

the Greeks, though politically unfortunate, developed a civilization and a culture in many ways still unsurpassed, which the city by the Tiber, after it had grown to be the head, first of Latium, then of Italy, then of the world, made its own; and how this vast power, intellectually Greek, politically Roman, became the leaven of the world, and is the most important fact in the world's history.

In the Sophomore year follows a general view of European History since the Fifth Century A. D., showing the student how at this time was added the second great element in history, the Teutonic, and how all history since is but the record of the progress of the society formed by the fusion of the Roman and the Teutonic elements.

In the Senior year an elective course in English and American History is offered to all students. And in this year a course in political science is given also, as required work for Classical and Literary students, and open as an elective to the Scientific. The work in this course changes somewhat from year to year, chiefly according to the wishes of the students. The subjects chosen from are Political Economy, Sociology, International Law, American Government, Political Science.

The course in outline is as follows:

FRESHMAN YEAR:

FALL TERM: Greek History (Oman).
WINTER TERM: Roman History (Pelham).
SPRING TERM: Roman History (Pelham).
Freshman Course, three hours a week, required for all degrees.

SOPHOMORE YEAR:

FALL TERM: Mediæval History (Thatcher and Schwill).
WINTER TERM: Mediæval History (same).
SPRING TERM: Modern History (Schwill).
Course, three hours a week, required for all degrees.

SENIOR YEAR:

FALL TERM: Political Economy.
WINTER TERM: International Law (Laurence).

SPRING TERM: American Government (Bryce).

Course, three hours a week, required of Classical and Literary, elective for Scientific, students.

FALL TERM: English History (Green).

WINTER TERM: English History (Green).

SPRING TERM: American History (Epoch Series).

Elective for all courses, three hours a week.

Mathematics and Astronomy

The work in this department is so arranged that the student has the opportunity of completing the course, or of taking only such studies as are essential. The work is as practical as it can be made, the aim being:

(*a*) The cultivation of orderly, continuous, and independent thought.

(*b*) The preparation of the student for the mathematical operations necessitated in an intelligent and exhaustive study of the Sciences.

ALGEBRA. The first few weeks are devoted to a rapid review of that portion of Algebra preceding Quadratics. This review if followed by a careful study of the Binomial Theorem, Series, Logarithms, Equations of Higher Degree, etc. Wells' College Algebra is the text used. Required of Freshmen in all courses first and second terms, four hours a week.

TRIGONOMETRY. Plane and Spherical. Murray's text is used. Required of Freshmen in all courses, third term, four hours.

ANALYTIC GEOMETRY. The aim is, by the close study of the elements of this important branch of Mathematics, to acquaint the student with analytical methods of investigation, and to make him more skillful in the use of algebraic processes. Required of Sophomores in the Scientific course, first term, four hours. Elective in other courses.

DIFFERENTIAL CALCULUS. Differentiation of algebra and transcendental functions, development of functions, treatment of maxima, curvature, evolutes, involutes, etc. Required of Sophomores in the Scientific course, second term, four hours. Elective in other courses.

INTEGRAL CALCULUS. Integration of the various forms and geometrical applications. Required of Sophomores in the Scien-

tific course, third term, four hours. Elective in other courses.

HIGHER MATHEMATICS. An elective course is offered for students who have taken the course in Analytic Geometry and Calculus. The object will be to introduce the student to some of the methods used in the more modern developments of tho subject. The matter treated will depend on the preference of the students.

ASTRONOMY. The aim of this course is to give a general knowledge of the facts of Astronomy, with a clear conception of the principles underlying them, and an understanding of the methods of arriving at these facts. Young's text is used. This is a two-hour elective for the first and second terms, open to students of all courses.

Greek

Liberal provision for the study of the Greek Language and Literature is offered in the Classical Course. Believing that, as a disciplinary study and as an aid to the interpretation and appreciation of literature, the Greek Language possesses many superior advantages, we have accorded it prominent attention in the Freshman and Sophomore years. The aim in the first part of the course is to lead to the mastery of the grammatical structure of the language and the acquirement of a good vocabulary. To this end, frequent exercises are given in prose writing from sentences based on the text which is being read. Written translations of difficult and historic passages are required from time to time. In the latter part of the course the student, having acquired facility in translation, should be able to appreciate to some degree the strength and beauty of Greek Literature and gain some conception of the influence of Greece on human thought and culture. The Greek of the Junior and Senior years is elective, and all Classical students are urged to pursue the study throughout the course.

FRESHMAN YEAR:

FALL TERM: Lysias. The course in Lysias includes the eight orations complete given in Morgan's Lysias. Rapid review of forms and syntax. Twenty lessons in Greek Prose.

WINTER TERM: Lysias continued first four weeks. Homer, Iliad, Books I. and II. Special attention given to Greek Prosody and the dialectic peculiarities of Homer.

SPRING TERM: Homer, Iliad, Books III.-VI. Study of the Homeric Question.

Freshman Course, four hours a week, required.

SOPHOMORE YEAR:

FALL TERM: Sophocles, Electra. Scansion of the Choral Odes.

WINTER TERM: Euripides, Medea. In connection with this course and the preceding, notes are given on Dramatic Literature and Representation on the Greek Stage.

SPRING TERM: Plato, Apology and Crito (Dyer). Study of the Dialogue. Notes on Socrates as a public teacher.

Sophomore Course, four hours a week, required.

JUNIOR YEAR:

FALL TERM: Demosthenes, On the Crown. Notes on the Public Life of the Greeks.

WINTER TERM: Theocritus. Greek Literature, (Jebb's Primer).

SPRING TERM: Aristophanes, Clouds.

Junior Course, three hours a week, elective.

SENIOR YEAR:

FALL TERM: Thucydides, Book VII.

WINTER TERM: Justin Martyr, Apology Major.

SPRING TERM: New Testament. Notes on Hellenistic Greek.

Senior Course, two hours a week, elective.

Natural Science

The instruction in this department will be sufficiently technical to meet the requirements of those who wish to make the study of Science a specialty. The chief aim, however, will be to give the

student a practical knowledge of each subject taken up.

The work described under the head of this department is required for only those taking the scientific course, unless otherwise indicated.

FRESHMAN YEAR:

Biology: The work for the year will be introduced by the use of Parker's Elementary Biology. Four hundred pages of the text and four hours weekly of laboratory work will be required. In addition to the animal types described in the biology, the following will be studied: Campanularia, grantia, sea anemone, sea urchin, squid, earthworm, locust, spider, ascidian, amphioxus, perch, frog, and pigeon. Near the close of the winter term the study of plant products and tissues will be taken up. This will be followed by the examination of typical algæ, mosses, vascular cryptogams and phanerogams. Bessey's text will be used in general botany and Gray's manual in plant analysis.

The biological laboratory occupies a separate room and is supplied with works of reference, compound microscopes, and other apparatus and reagents necessary for thorough, practical work. The student is taught the use of the microscope and is required to draw and describe accurately what he sees. A fee of two dollars is charged for materials consumed.

Freshman Course, four hours a week, required for B. S. and B. L. degrees.

SOPHOMORE YEAR:

FALL TERM: Chemistry, Remsen's Briefer Course.

WINTER TERM: Chemistry, Remsen's Briefer Course.

The students are required to perform all the experiments in this book and to take notes of their work. A fee of $1.50 per term is required for use of apparatus and chemicals. In addition to this the student must pay for all apparatus broken by him.

SPRING TERM: Advanced Physiology, Thornton.

Sophomore Course, four hours a week, required for all degrees.

JUNIOR YEAR:

FALL TERM: Physics; Carhart's Uuiversity Physics; Austin and

Thwing's Laboratory Manual; Physical Measurements. Special attention is given to elementary Mechanics during the Fall Term.

WINTER TERM: Physics continued.

SPRING TERM: Physics completed.

Junior Course, three hours a week.

A laboratory fee of $3 per year is charged.

SENIOR YEAR:

FALL TERM: Geology, Le Conte's Manual.

WINTER TERM: Geology, Le Conte's Manual.

SPRING TERM: During the Spring Term an elective in Science may be taken. For reasons of weight, other electives may be taken.

Philosophy

The work in this department aims at opening to the student the entire field of Philosophy and acquainting him with the history of its main features. With this in view, much time is spent in the study of the Psychological endowments of man, so that the student may have the facts before him with which to construct a sound system of Philosophy. In part, to sum up the facts furnished by Psychology and co-ordinate them with those supplied from other sources, but chiefly to acquaint the student with the main problems of Philosophy, a course of introduction is given as preliminary to the study of the History of Philosophy. The courses in this department are as follows:

JUNIOR YEAR:

FALL TERM: Psychology, Ladd's Outlines of Descriptive Psychology.

WINTER TERM: Psychology or Philosophy.

SPRING TERM: Logic, Jevons-Hill.

Junior course, four hours a week, required for all degrees.

SENIOR YEAR:

An elective in Pure Philosophy is offered for the Seniors in all

courses. Some special attention will be given to the relation of the Natural Sciences to Philosophy. Texts for the year's work will be selected on Introduction to Philosophy, History of Philosophy, and Modern Philosophy. Ethics is required of all students in the Fall Term.

Senior Course, three hours a week.

Hebrew

This is offered as an elective during the Senior Year, because of its disciplinary value and the fact that it reveals to us the oracles of God in the original tongue. The courses are:

1. Beginner's course. Harper's Method and Manual, and Elements of Hebrew. Three hours a week. Elective.

2. Same as 1.

3. Selections from Exodus and Samuel. Harper's Syntax. Three hours a week. Elective.

German

The object of instruction in this study is two-fold:

(1) To give the student a knowledge of German as a spoken language;

(2) To introduce him to German Literature and its Masterpieces.

Study for the first two years will be concentrated on the Grammar and the translation of *much* easy prose and poetry. The latter two years will be occupied with a study of German thought as interpreted by its masterpieces. Prose composition and colloquial exercises will be required through the entire course.

FIRST YEAR:

The first term will concern itself with German Grammar, supplemented in the second term by the Reader, and in the third term by the reading of easy prose selections. Joynes-Meissner's Grammar and Reader will be used. The class will translate such texts as Hœher als die Kirche (von Hillern), Immensee (Storm), Traumereien (Leander), Das Kalte Herz (Hauff), Germelshausen (Gerstaecker), and others. Colloquial exercises and prose composition.

This work is required for the Scientific and Literary Courses. Five hours a week.

SECOND YEAR:

Modern Prose and Poetry. Selections will be made from the following: Heine's Harzreise, Freytag's Die Journalisten, Riehl's Burg Neideck, Bernhardt's Novelletten Bibliothek, Storm's Geschichten aus der Tonne, Auerbach's Brigitta, Grillprazer's Sappho, Eichendorff's Aus dem Lebeneines Taugenichts, Die Jungfrau von Orleans, Wilhelm Tell (Schiller); Hermann and Dorethea (Gœthe); Minna von Barnhelm (Lessing), and others. Prose composition and colloquial exercises through the year. This work is required for the Scientific and Literary courses. Four times a week.

THIRD YEAR:

FIRST TERM: Gœthe's Faust, Part I. Lectures on Faust and its interpretation.

SECOND TERM: Lessing's Nathan Der Weise. Conversation.

THIRD TERM: Scheffel's Ekkehard, or Trompeter von Sækkingen.

This work is required for the Literary Course and may be elected by Scientific students. Three hours a week.

FOURTH YEAR:

FIRST TERM: Das Nibelungen Lied, Simrock's German Translation. Conversation. History of German Literature.

SECOND TERM: Gœthe's Faust, Part II. Lectures. Conversation. History of German Literature.

THIRD TERM: Deutsche Literaturgeschichte. Conversation.

The work is elective for all courses, provided the third year has been taken, or the consent of the instructor has been obtained. Three hours a week.

Bible Study and Evidences

The educational value of the Bible, no less than its influence in moulding life and character and developing our modern civilization, entitles it to a place in a course of liberal studies. Moreover, the hostile attacks made in recent years upon the Bible as the inspired word of God render it a matter of the highest importance that the educated classes know from personal and original investigation exactly what is in the Bible. Accordingly, provision has been made

for instruction in the Bible and Evidences in the Junior and Senior years.

In Bible study the method is inductive, consisting in careful examination of facts and the discovery of principles of interpretation and examination that can be applied to further study. The book is its own testimony. The principles of inductive logic are also carefully applied in the work in Christian Evidences.

JUNIOR YEAR:

FIRST HALF YEAR: Old Testament History (Dr. Smith).

SECOND HALF YEAR: New Testament History (Dr. Smith).

The most critical and difficult portions of the Old Testament History will be either omitted entirely, or presented to the class by the instructor in the form of notes and outlines. In the New Testament History, that portion treating of the wars of the Maccabees, Alexander, and Hellenism, and the Roman Conquest and Occupation, will be given the class in brief outline.

Junior Course, three hours a week, required for all degrees.

SENIOR YEAR:

FALL TERM: An elective will be provided for this term.

WINTER TERM: Natural Theology, Valentine. Essays required.

SPRING TERM: Evidences of Christianity, Wright. Essays required.

Senior Course, Winter and Spring Terms, three hours a week, required for all degrees.

Romance Languages

French

The course will consist for the first two years in the reading of *much* easy prose, followed in the third year by a study of French Classics. Colloquial exercises and prose composition will form an important part of the work throughout the course.

FIRST YEAR:

The first year will be concerned with the study of Edgren's and Muzzarilli's Grammars, supplemented by Reader, and by the reading of easy prose.

There will be read such selections as, Verne's Le Tour du Monde en Quatre-Vingt Jours, Halevy's L'Abbe Constantin, Alphonse Daudet's La Belle-Nivernaise, De Vigny's Le Cachet Rouge Merimee's Columba. Prose composition.

This work is required for the Scientific and Literary Courses. Four times a week.

SECOND YEAR:

Modern prose and poetic selections will be read. Muzzarilli's and Edgren's Grammars, Part II. A choice will be made from the following works: Fortier's Sept Grands Auteurs de XIX Siecle, Erckmann-Chatrian's Le Conscrit, Alexandre Dumas' Les Trois Mousquetaires, La Tulipe Noire, Victor Hugo's Les Miserables, About's Le Roi des Montagnes, Bowen's French Lyrics, Jules Lemaitre, Warren's French Literature. Prose composition.

This work is required for the Literary Course, and is an elective for all who have had the first year's work. Three hours a week.

THIRD YEAR:

The work in this year will be as follows:

FIRST TERM: French Classics, Corneille's Polyeucte, Moliere's Le Tartuffe, Racine's Athalie.

SECOND TERM: French Classics, Racine's Phedre, Moliere's Le Bourgeois Gentilhomme, Racine's Esther.

THIRD TERM: Victor Hugo's Ruy Blas and Hernani. French Dramatic Literature and its effect on the English Drama. Subject for Essay in French. History of French Literature.

Elective, three times a week.

Italian

Italian will be offered alternate years with Spanish. The principal object of this course will be to enable the student to read any ordinary historical or scientific prose.

FIRST TERM: Grandgent's or Edgren's Italian Grammar will be used. Reader.

SECOND TERM: Reader continued and selections from easy prose.

THIRD TERM: Much easy prose and four Cantos of Dante's Divina Commedia.

Prose composition through the year. Two hours a week. Elective.

Spanish

There is a growing interest in this country for the Spanish language, due principally to the close relations of the United States after the war, to many of the Spanish speaking people. To meet this popular demand, Spanish will be offered alternate years with Italian.

FIRST TERM: Edgren's Spanish Grammar, Matzke's Spanish Reader.

SECOND TERM: Matzke's Spanish Reader.

THIRD TERM: Modern selections.

Prose composition throughout the year. Two hours a week. Elective.

ACADEMIC DEPARTMENT.

The Academic Department is designed for those preparing for College. It is intended also to meet the wants of those who have not the time nor means to take a regular course, and yet desire the training of a first class Academy. The courses herein offered are in a sense complete, affording training in the Ancient Languages, Mathematics, Natural Sciences, English and Literature, as well as in the Common School branches. It is of the highest importance that the work preparatory for entering College should be carefully and accurately done. For the most part the work of the Academy is done by the regular College Professors. This department comprises three courses, viz: The Classical, Scientific, and Literary, preparing respectively for entrance into the Classical, Scientific, and Literary Courses of the College.

The work of the first year, consisting of the common school subjects, is the same in each of the courses. Those completing in a satisfactory manner any of the prescribed courses will receive diplomas, and will be admitted into the corresponding courses of the College Department without examination.

The work in the Latin Language represents three years' time. The work in Greek represents two years' time. Those who have advanced sufficiently in Mathematics, English, and the Sciences to enter College or the Senior Academic year, but are deficient in the Latin or Greek, or both, will here find special arrangements *by increasing the number of recitations a week* for their rapid advancement in these studies.

The following has been added to the work of the Scientific and Literary Courses:

The student will be required to write an essay on some subject, correct in spelling, punctuation, sentence structure, and paragraphing. The subjects of 1900-1901 are Scott's Ivanhoe, Irving's Alhambra, Bryant's Thanatopsis, and Longfellow's Hiawatha.

Candidates for admission must give satisfactory evidences of good moral character, and must exhibit the necessary proficiency in

Spelling, Reading, and the rudiments of Arithmetic, Grammar, and Geography. Students deficient in spelling will be required to take this branch, whatever may be their grade of work in other branches.

As a rule, eighteen recitations a week are all that a student will be allowed to take. But in case some of the work is review for the student and he shows the ability to accomplish successfully more than the usual assignment and thus prepare himself earlier for the Freshman Class, he will be allowed to take as much work as is consistent with thoroughness.

Courses of Study

FIRST YEAR:

The same in all courses.

FIRST TERM: Arithmetic, 5; English Grammar, 5; Penmanship, 2.

SECOND TERM: Arithmetic, 5; English Grammar, 5; Penmanship, 2; Reading and Orthography, 2; Geography, 3.

THIRD TERM: Arithmetic, 5; Exercises in English, 5; Geography, 3; Penmanship, 2; Reading and Orthography, 2.

SECOND YEAR.

FIRST TERM.

CLASSICAL.	SCIENTIFIC.	LITERARY.
Hrs. per week	*Hrs. per week*	*Hrs. per week*
Beginning Latin.... 5	Beginning Latin.... 5	Beginning Latin.... . . 5
Arithmetic..... 5	Arithmetic..... 5	Arithmetic 5
United States History ..3	United States History ..3	United States History ..3

SECOND TERM.

Beginning Latin.... 5	Beginning Latin..... ..5	Beginning Latin..... ..5
Arithmetic..... 5	Arithmetic.... 5	Arithmetic 5
United States History and Civil Government 3	United States History and Civil Government.3	United States History and Civil Government.3
Orthography..... 2	Orthography..... 2	Orthography.... 2

THIRD TERM.

Beginning Latin..... ..5	Beginning Latin..... ..5	Beginning Latin..... ..5
Arithmetic..... 5	Arithmetic..... 5	Arithmetic..... 5
United States History ..3	United States History ..3	United States History ..3
Exercises in English....5	Exercises in English....5	Exercises in English....5

THIRD YEAR.

FIRST TERM.

CLASSICAL.	SCIENTIFIC.	LITERARY.
Hrs. per week	*Hrs. per week*	*Hrs. per week*
Latin, Cæsar and Prose. 5	Latin, Cæsar and Prose. 5	Latin, Cæsar and Prose. 5
Algebra 5	Algebra 5	Zoology 3
Greek, White's Beginner's Book 5	General History 3	Algebra 5
General History 3	Zoology 3	English, Composition ... 2
	Word Analysis 2	Word Analysis 2

SECOND TERM.

Latin, Cæsar and Prose. 5	Latin, Cæsar and Prose. 5	Latin, Cæsar and Prose. 5
Algebra 5	Algebra 5	English, Composition ... 2
Greek, White's Beginnes's Book 5	General History 3	Algebra 5
General History 3	Physiology 3	Physiology 3
	Word Analysis 2	Word Analysis 2

THIRD TERM.

Latin, Cicero and Prose. 5	Latin, Cicero and Prose. 5	Latin, Cæsar and Prose. 5
Algebra 5	Algebra 5	English, Composition ... 2
Greek, White's Beginner's Book 5	General History 3	Algebra 5
General History 3	Word Analysis 2	Word Analysis 2

FOURTH YEAR.

FIRST TERM.

CLASSICAL.	SCIENTIFIC.	LITERARY.
Hrs. per week	*Hrs. per week*	*Hrs per week*
Latin, Cicero and Prose. 5	Latin, Cicero and Prose. 5	English Literature and Elementary Rhetoric. 4
Greek, Anabasis 5	Geometry 5	Geometry 5
Geometry 5	Physical Geography 4	Physical Geography 4
Physical Geography 4	English Literature and Elementary Rhetoric. 4	General History 3

SECOND TERM.

Latin, Vergil and Prose. 5	Latin, Vergil and Prose. 5	English Literature and Elementary Rhetoric. 4
Greek, Anabasis 5	Geometry 5	Geometry 5
Geometry 5	Physics 4	Physics 4
Physics 4	English Literature and Elementary Rhetoric. 4	General History 3

THIRD TERM.

Latin, Vergil and Prose. 5	Latin, Vergil and Prose. 5	English Literature and Elementary Rhetoric. 4
Greek, Anabasis 5	English Literature and Elementary Rhetoric. 4	Geometry 5
Geometry 5	Geometry 5	Physics 4
Physics 4	Physics 4	General History 3

NORMAL DEPARTMENT.

This department has been created for teachers and those intending to teach. The following Course of Study includes, in addition to the so-called common branches, the subjects usually taught in our high schools. The work of the first year is intended to meet all the demands of the County Superintendent of Schools for second grade certificate; the work of the second year, with the exception of physics, zoology, and botany, for first grade certificate; the work of the third and fourth years prepares for state certificate.

Students who cannot spend the four years necessary for the completion of the entire course may arrange personally for special work. A moderate degree of freedom in the substitution of studies from one year to another will be given, provided always that the student gives positive evidence of his fitness to enter upon the branches contemplated. To any student completing the course of study as herein outlined will be given a diploma of graduation.

Our students have a decided advantage over those who attend schools which afford only a normal course. Besides our normal course, which is second to none, students may select from the regular college course whatever studies they may desire, provided their qualifications are such that the studies may be pursued with profit. This gives the student the advantage of an elective course in addition to the one prescribed. The following tables indicate the subjects offered in this department, the texts used, and the hours per week devoted to each:

COURSE OF STUDY--NORMAL DEPARTMENT.

FIRST YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week.*
Arithmetic	Milne	5
English Grammar	Whitney & Lockwood	5
U. S. History	McMaster	3
Penmanship	Peirce	2

WINTER TERM.

Arithmetic	Milne	5
English Grammar	Whitney & Lockwood	5
U. S. History and Civil Government		3
Geography	Natural	3
Physiology	Blaisdell	3
Pedagogy	Roark	2
Orthography	Irish	2

SPRING TERM.

Arithmetic	White or Ray	5
Exercises in English	Buehler	5
U. S. History	McMaster	3
Geography	Natural	3
Pedagogy	Roark	3

SECOND YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week.*
Algebra	Fisher & Schwatt	5
Bookkeeping	Williams & Rogers	2
Latin	Collar & Daniell	5
English	Whitney	2
English Composition	Keeler & Davis	2

WINTER TERM.

Algebra	Fisher & Schwatt	5
English	Whitney	2
Latin	Collar & Daniell	5
Elementary Psychology	Halleck	3
English Composition	Keeler & Davis	2

SPRING TERM,

Algebra	Fisher & Schwatt	5
English	Whitney	2
Latin	Collar & Daniell	5
School Organization	Selected	2
English Composition	Keeler & Davis	2

THIRD YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week.*
Geometry	Phillips & Fisher	5
General History	Colby	3
English Literature	Smith	2
Cæsar and Prose	Allen & Greenough	5
Zoology	Packard	3
Greek, Elective	White	5

WINTER TERM.

Geometry	Phillips & Fisher	5
General History	Colby	3
English Literature	Smith	2
Applied Psychology	Roark	2
Cæsar and Prose	Allen & Greenough	5
Greek, Elective	White	5

SPRING TERM.

Geometry	Phillips & Fisher	5
General History	Colby	3
English Literature	Smith	2
Cæsar and Prose	Allen & Greenough	5
Botany	Gray	3
Greek, Elective	White	5

FOURTH YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week.*
Advanced Algebra	Wells	4
English	Herrick & Damon	3
Physical Geography	Tarr	4
Cicero and Prose	Allen & Greenough	4
History of Education	Quick	2
Anabasis, Elective	Goodwin	5

WINTER TERM.

Advanced Algebra	Wells	4
English	Herrick & Damon	3
Physics	Carhart & Chute	4
Vergil	Greenough	4
Philosophy of Education	Tompkins	2
Anabasis, Elective	Goodwin	5

SPRING TERM.

Trigonometry	Phillips & Strong	4
English	Herrick & Damon	3
Physics	Carhart & Chute	4
Vergil	Greenough	4
Anabasis, Elective	Goodwin	5

Summer Normal Term.

For the benefit of those teachers who desire to spend a part of their vacation reviewing and for the benefit of those preparing for examination, the Normal department holds a summer session.

During the summer of 1900, instead of holding a session chiefly for the teachers of Hancock county, there will be held a Tri-County summer school for Hancock, Adams and Brown counties. The school will begin June 4 and continue for six weeks.

The work will be arranged with special reference to the needs of the teachers of the three counties, and the requirements and suggestions of the county superintendents. Classes will be formed in all of the branches connected with common school work.

The commodious and finely equipped building, the large grounds and beautiful, shady park, make Carthage College an ideal place for the school, and an enticing spot to spend a few weeks in summer.

The instructors for the summer normal are: Prof. J. A. Shott, of the college, Prof. Hatfield, of Pittsfield, Prof. L. Fairfax, of Warsaw, and Prof. S. H. Trego, of Clayton. Neither pains nor expense have been spared in presenting opportunities for higher work, both in common branches and in other subjects especially helpful to the wide awake teacher. In a professional and social way this school will open the way to teachers to higher usefulness in their chosen field.

Good board and room can be secured for from $2.50 to $3.00 a week.

The tuition will be $1.00 a week for four weeks or more, and $1.50 a week for less than four weeks, and will be payable in advance.

For information relating to the summer school, address,

PROF. J. A. SHOTT, Secretary, Carthage, Ill.

BUSINESS DEPARTMENT.

This department has been organized for the benefit of those who wish to take a course qualifying them directly for business pursuits. The work contemplates the mastery of all those studies which are of immediate and practical value in commercial life. The department is so arranged as to afford the student the best opportunities for pursuing such studies at much below the usual cost. Students can enter these classes at any time and will be advanced as rapidly as their progress will justify. The course covers two years, but those prepared to take advanced standing will be allowed to do so at their entrance. Special rooms are assigned to the students of this department, where they have the assistance and oversight of the instructor during regular school hours. He arranges the recitations according to the needs and convenience of the student, and the necessities ot the work.

Students in the Business Department have the privilege of taking any studies in the Collegiate or Academic Departments which they may be prepared to pursue with profit.

Course of Study.

FIRST YEAR:

FIRST TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; United States History; Civil Government.

SECOND TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; United States History; Geography.

THIRD TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; United States History; Geography.

SECOND YEAR:

FIRST TERM: Bookkeeping; Business Forms; Arithmetic; Commercial Law; Business Writing; Business Orthography; Penmanship.

SECOND TERM: Bookkeeping; Business Forms; Arithmetic; Commercial Law; Business Writing; Business Orthography; Penmanship.

THIRD TERM: Bookkeeping; Banking; Arithmetic; Business Orthography; Actual Business Practice; Penmanship.

The work in the Business Practice will require of the student application of the principles which he has learned to actual business transactions. Ample facilities will be afforded the student to become thoroughly familiar with business methods and habits.

Shorthand and Typewriting.

Facilities are afforded for those who desire to take courses in Shorthand and Typewriting.

TYPEWRITING: Course of ten lessons, one hour each $4.00; single lessons, each 40 cents.

SHORTHAND: Course of twenty lessons, one hour each, $8.00; single lessons, each 50 cents.

Use of Typewriter, one hour per day, per month, $3.00.

MUSICAL DEPARTMENT.

Students in this department are under the tuition of Miss Laura A. Manier and Miss Susan M. Davidson. Pupils of all grades of advancement are admitted to instruction.

Course of Study.

Piano Forte.

In the study of this instrument special attention is paid to developing a pure touch and correct phrasing. A complete course will be given to those who desire to become proficient in Piano Forte playing. Students are required to play in the class rehearsals and public recitals. No definite time can be fixed for completing the course of study, for some will make twice the progress of others. The regular course will include knowledge of Thorough-base and Harmony.

FIRST GRADE: Lebert & Stark's Piano School, Vol. ; Plaidy's

Technical Studies; selections from the following works: Kœhler's Op. 50; Czerny's Op. 139; Biehl; Lœschorn; Duverney Op. 120; Sonatinas and Pieces by Clementi, Reinecke, Schumann, Lichner.

SECOND GRADE: Selections; Daily Technique; Czerny's Volocity Studies, Op. 299; Heller's Phrasing Studies; Bach's Easier Inventions and Preludes; Chopin Waltzes; Mendelssohn's Songs Without Words. Pieces selected from standard authors.

THIRD GRADE: Selections; Daily Technique; Cramer; Berger's Etudes; Bach's "Well-tempered Clavichord;" Czerny's Classic School No. 1; Sonatas of Mozart, Beethoven, Schubert; Concert Selections from Weber, Mowskowski, Raff, Chopin, Mason and Thalberg.

A thorough course will also be furnished for organ and violin.

Vocal Culture

The course of study in this department includes instruction in position and breathing; exercise in tone production; advanced exercises for the flexibility and strengthening of the voice; exerciees in the singing of vowels to insure distinct enunciation; the study of ballads by the best composers; arias and other selections from oratorios and operas. It is intended that pupils should attain not only a technical skill in the use of the voice, but that they should acquire also true musical feeling and expression, enabling them to pass beyond the bounds of mechanical singing into the realm of artistic achievement. Terms 50 cents per hour. Half hour lessons are given as being less wearisome, two or more half hour lessons being given each week.

Sight Singing

The ability to read music at sight is a necessary part of a thorough musical education. It is indispensable for those who wish to take up vocal culture, or do efficient choir or chorus work. Terms: Individual lessons, 50 cents per hour; classes of not less than ten, two dollars per term of twenty lessons.

Chorus Work

Training in choir or chorus work given at reasonable rates.

POST-GRADUATE DEPARTMENT.

The College gives opportunity to its own graduates and others to do post-graduate work. Under the direction of the Faculty, courses of study have been outlined leading to the degrees of A. M., M. S., and M. L.

At present the College does not undertake to give class-room instruction in the subjects leading to advanced degrees. It offers to direct the study of the applicant, to conduct the examinations, and to confer the appropriate degrees upon such as complete creditably the prescribed course and submit an approved thesis.

The time for the completing of the various courses is not limited, but the candidate will be required to make stated reports of his progress, and is expected to pursue sustained and systematic study. Final examinations must in all cases be conducted at the College. Others may be arranged for elsewhere at the expense of the candidate.

The fees charged are: For matriculation, $5; examination, $10; diploma, $5.

Pamphlet containing full outline of all courses in the Graduate Department will be sent on application to the President of the College.

GENERAL INFORMATION.

Carthage College is under the auspices of the General Synod of the Evangelical Lutheran Church in the United States of America. It was chartered in 1870 and graduated its first class in 1875. It is controlled by the Central and Southern Illinois, Northern Illinois, Iowa, and Wartburg Synods, which are the stockholders and elect the Trustees.

Instruction.

The instruction in all departments is thorough and practical. It

is intended to be helpful to the student, but in no sense a substitute for his individual exertion. The aim is to afford the student the very best discipline in habits of independent thinking, and the methods employed are made to conform to this end. The class-room work is carried on by means of recitations from suitable text-books, free discussion in classes, presentation of thesis, frequent examinations and reviews, dictation of notes, use of blackboards and charts. Lecture courses in higher classes are given throughout the year.

Original work on the part of the student is encouraged and insisted upon as a requisite to graduation.

Courses of reading on special topics, supplementary to the subjects pursued in class, are laid out, and the student is required to follow these up carefully and at stated times to give a synopsis of the parts gone over. At the discretion of the teacher, work of this kind may be received in place of a review of the text-book, preparatory to examination. The results so far as this system has been practiced have been very gratifying.

Literary Societies

Two Literary Societies are sustained in connection with the College. The membership is about the same in each. Sessions are held on Friday evening of each week, and to those connected with them they afford, besides access to their libraries, valuable aid in composition, debate, elocution, and parliamentary practice. All candidates for degrees are required to unite with one or the other of these societies, and regularly to take part in the literary exercises for three years. For the most part the College accepts the work done in the societies in lieu of rhetorical exercises under the direction of the Faculty, though essays, orations, abstracts, paraphrases, and critiques are required from time to time in the Department of English. All College students are required to give eight performances in the societies each year; three in the Fall term, three in the Winter term, and two in the Spring term. Those who do not fully meet these requirements of the societies are reported to the Faculty at the end of each term by the critics. Such students are then required to give an equivalent in public performance or to make up the delinquency

in such other way as the Faculty may require. *The performance of this literary work is a requirement for graduation.*

In the Academic and Normal Courses, no one is graduated without performing society duties for one year. The halls are elegantly frescoed, carpeted and furnished with every needed convenience, presenting an attractive and homelike appearance, and inviting to participation in the exercises of the sessions.

Galileo Society

This Society was organized September, 1870. Lately the members have added a fine Kranach & Bach piano to their hall. The Society possesses a well selected library of nearly 1,000 volumes, to which have been added the present year by purchase many standard classical and recent books.

Cicero Society

This Society was organized September, 1871. It possesses also a large and well selected library, to which constant additions are being made from the proceeds of a library fund. There were added within this year many excellent volumes. Valuable additions to the furniture of the hall and a new piano were added during the year.

Libraries

The College owns a library of about 3,000 volumes, to which the students have access under certain necessary restrictions. Within the past year valuable additions were made to the library by donations.

Reading Rooms

A Reading Room has been fitted up in connection with the College. Here the students have access to daily, weekly, monthly, and quarterly periodicals of all kinds. The room is in charge of a committee of the Christian Associations, which arrangement has proved entirely satisfactory.

Collegian

The College Faculty, aided by correspondents elected by the Literary Societies, Alumni, and Christian Asssociations, issues the

Carthage Collegian monthly. It is devoted to the interests of Carthage College and higher education, and aims to keep the Alumni, patrons, and friends of the institution in touch with its interests. In this respect it has been of marked service. It both needs and deserves the support of all who are interested in the welfare of the College.

Religious Exercises

The tone of the institution is positively religious. The value of the religious element in culture is distinctly recognized, in that it is made a prominent feature in the instruction and prevailing sentiment of the College. The study of the Bible is also given prominent attention in all the courses leading to degrees.

The work of each school day is commenced with prayer. Students are expected to attend public worship on the Lord's Day. Those who are members of the different denominations are expected to worship in their respective churches. The Baptists, Episcopalians, Christians, Methodists, Presbyterians, German Lutherans, and English Lutherans have organizations and regular services in the city. Students who have no church connections are urged to select the church which they prefer to attend and become regularly identified with the Sabbath School of the same.

Y. M. C. A. and Y. W. C. A.

These Associations are in a flourishing condition, and the influence from this source contributes largely to the religious life and excellent order of the school. A separate room on the first floor of the College Building has been set apart for the use of these Associations. The room is neatly papered, carpeted, and furnished so as to present a very attractive and homelike appearance. The missionary library numbering about one hundred volumes is said to have been the first one of its kind in the state of Illinois.

The Associations are doing a work which is of incalculable benefit to young men and women separated from the care of pious homes, as well as to those who previously have had little religious culture.

Separate prayer meetings are held Tuesday evening of each week, of about three-quarters of an hour in length. On Friday evening of

each week a union meeting for prayer and praise is held.

These Associations conducted two Bible classes this year, one for the study of Life of Christ and one for the study of Bible characters.

The Athletic Association of the College is directed and controlled by the Y. M. C. A. Thus far attention has been given chiefly to outdoor sports. The Foot Ball team has been very successful since its organization four years ago. A regular Field Day has been added to the program of Commencement Week.

Examinations

Examinations are held from time to time as it is thought necessary or advantageous to the progress of the students. At the discretion of the teacher, other work assigned by him may be received as a substitute for an examination.

Promotions to advanced standing are made upon the basis of satisfactory examinations in the studies pursued, or the performance of such special work as the teacher may direct.

Class Standing

A record of scholarship and deportment of each student is kept, and the report of the same is sent to the parent or guardian at the end of each term, and more frequently if requested.

Terms and Vacations

The collegiate year consists of thirty-seven weeks, divided into three terms, as follows: Fall Term of twelve weeks, Winter Term of thirteen weeks, and Spring Term of twelve weeks.

There are two vacations, the usual holiday vacation lasting about two weeks, and a long summer vacation of thirteen weeks. (See Calendar, 2d page of cover). By this arrangement students can pursue their studies continuously during term time, and make the very best use of the long vacation for procuring the means necessary for prosecuting the work in the Institution. It is very important that students should commence with the beginning of the year and continue regularly until its close. Those so beginning will be *certain* to find satisfactory classification. Students may enter at any time and take such places as they are prepared for in classes already

formed; but the best results are secured by those who commence at the opening of the year.

The Leon W. Berry Prize

Leon W. Berry, of the city of Carthage, offers annually a gold medal to that regular member of the Freshman class who attains the highest average grade in all the studies of the regular College Courses for the year. The prize last year was awarded to Miss Elizabeth T. Mayor, of Carthage, Illinois.

College Prize

The College offers a gold medal to that member of the Senior class who, under the supervision of the Faculty, in the second term of the college year, in public contest shall produce the best original oration, regard being had for both thought and delivery. Miss Ellen Schuff, of the present Senior class, won the prize this year.

Faculty Prize in Oratory

The Faculty offers a prize to that member of the Junior class who in public contest shall produce the best original oration, regard being had for both thought and delivery.

Daughters of the American Revolution Prize

Shadrach Bond Chapter of the Daughters of the American Revolution offers a prize, consisting of a set of books, to that member of the College in American History class, who shall write the best essay on American History.

Grounds and Buildings

The College grounds cover an area of about eighteen acres, and are situated in a pleasant part of the city, half a mile from the public square.

The main building of the College is a large and beautiful brick structure, built in modern style and well finished throughout. It is entirely devoted to recitation rooms, society halls, association room, chapel, library, reading room, museum, office, laboratory, and waiting

room, all of which are large, well lighted, and furnished with all needed appliances. The rooms have been greatly improved in appearance within the past year.

Expenses

The necessary expenses at Carthage College are exceedingly low. Special efforts are made to reduce each item of expense to the very lowest, so as to bring the advantages of a thorough collegiate education within the reach of all. A few students defray a part of their expenses by doing light work about the buildings and grounds, as well as in the city.

Tuition, Fall Term.....$10.00
Tuition, Winter Term.....12.00
Tuition, Spring Term.....10.00
Tuition, per year.....32.00
Music, 20 lessons on piano or organ.....10.00
Voice, 20 lessons.....10.00
Shorthand, for course of 20 lessons.....8.00
Typewriting, for course of 10 lessons.....4.00
Use of typewriter per month, one hour a day.....3.00
Board, with furnished room, in private families, per week.....$2.50 to 3.00
Board, Room Rent, and Tuition per year.....$115.00 to 150.00

For students taking Chemistry a fee of $1.50 per term is charged to cover cost of materials used.

For students taking Freshman Science—Biology, Zoology, and Botany—a fee of $2.00 is charged for the year.

For students in Mineralogy a fee of $1.00 per term is charged.

Students entering for less than a term will be charged $1.00 per week for tuition.

In all cases tuition must be paid in advance. In cases only of protracted sickness will tuition be refunded.

Students leaving the institution without duly notifying the President and adjusting their accounts will be charged full term rates.

Those graduating from the College are charged a fee of $5.00 for diploma, and those graduating from the other departments, a fee of $2.00.

Money may be deposited with the President of the College to be disbursed as directed by parents or guardian. Money and other valuables may be deposited for safe keeping in the vault of the College.

Apparatus

The College has a fine collection of physical and chemical apparatus, including some rare and costly pieces. Recently a biological laboratory has been equipped with compound microscopes and all necessary apparatus, reagents, charts, models, and other appliances. A choice collection has been formed of minerals for the use of students in Mineralogy and Geology. A good beginning of a museum has been made, to which additions are constantly received. a short time ago, Mrs. Phil. J. Schopp, of Greenville, O., donated to the College, in memory of her husband, a fine collection of minerals, comprising more than six hundred specimens, and including also a fine collection of fossils. These have been arranged in a separate cabinet and called "The Phil. J. Schopp Collection".

The College also lately received a complete set of surveyor's instruments, donated by Mrs. John Wolf, of Olney, Ill.

Government

The Government is vested in the Faculty. It is the aim as far as possible to combine both the civil and parental modes of governing. Good conduct and faithful work are required. To secure these ends appeal is made to the honor and moral sense of the students. Students who cannot be reached by such means, and whose connection with the College is profitable neither to the institution nor to themselves, are not permitted to remain as a disturbing influence to the great body of diligent and faithful students.

College Rules

Few rules are needed for the government of the students. The following have been found serviceable and necessary for the safety and good order of the College community. Their strict observance is insisted upon:

1. All students, except those who are residing with their parents

or guardians in the city of Carthage, are under the direct control of the Faculty, and are required to observe study hours during the day and evening from 8 A. M. to 11 A. M.; from 2 P. M. to 4 P. M.; and from 6:30 P. M.

2. During study hours all students remaining between recitation periods are required to be in the waiting room while not reciting.

3. Students from abroad are not permitted to attend entertainments which are not approved by the Faculty.

4. All students from a distance are required to obtain permission of the President before leaving the city.

5. Students having recitations at 9:05 and 10:10 A. M. are required to attend chapel.

Location

Carthage is a pleasant, growing city of nearly three thousand inhabitants, the county seat of Hancock county, and closely connected by railroads with Quincy, Keokuk, Burlington, and Galesburg. The city is healthful, quiet, and moral; it licenses no liquor traffic, and is free from many of the temptations to vice common in larger cities. The people are noted for their intelligence and hospitality.

On arrival, students will call at the President's office in the College building where they will receive every attention and all necessary information in regard to board, rooms, classification, text books, etc.

For Catalogue or other information, address the President,

REV. J. M. RUTHRAUFF, D. D.,
CARTHAGE, ILLINOIS.

Legacies

The following persons have given $1000 or more toward the founding of the David L. Tressler Professorship: The heirs of Frederick William Klemme, Henry Denhart, Andrew Hans.

Form of Bequests

In making bequests, care should always be taken to use the correct and full corporate title of the College; also to state clearly the amount of bequest, and any special use, if any, for which it may

be designed. The following general form of bequest is recommended.

I give, devise, and bequeath to Carthage College, Carthage, Illinois, the sum of $.....(or if real estate or other property, describe accurately), said funds to be held by it and applied to the endowment fund of Carthage College (or if for other purpose, state clearly). But in case the College should cease to be controlled by the General Synod of the Evangelical Lutheran Church of the United States of America, or a Synod or Synods belonging thereto, said money or proceeds shall revert to the Board of Education of said General Synod for the support of some other General Synod College on the present Carthage College territory.

Endowments and Improvements

The funds have all been raised to meet the Denhart offer to pay off the debt, improve the college property and to increase the endowment funds. A steam plant, water system and other improvements will be made and a Ladies' Dormitory erected during the spring and summer.

DONATIONS AND ADDITIONS TO LIBRARY.

Rev. C. Baird	volumes 85
Prof. McMillan, Univ. of Minn.	volume 1
Dpt. of English, Century Dictionary	volumes 10
Dpt. of History	volumes 50
Dr. Barnitz	volume 1
Government Documents	volumes 21
James Love, Camden, N. J.	volume 1
W. C. Conorit	volume 1
Total number of volumes added during the year	170

ALUMNI

‡Officers of the Association.

PRESIDENT	REV. H. M. BANNEN, '88
FIRST VICE-PRESIDENT	E. K. CHERRILL, '95
SECOND VICE-PRESIDENT	ELIZABETH NACE HOLTGREVE, '86
THIRD VICE-PRESIDENT	MARY TRESSLER NEWCOMER, '87
SECRETARY	EDDY ROBBINS, '95
TREASURER	S. H. FERRIS, '82
BIOGRAPHER	PROF. P. E. MASON, '94
ORATOR	PROF. E. H. MENSEL, '87

1875

Ida Harris King, A. M.	Prescott, Iowa
Maggie Taylor Bowers, A. M.	Boise City, Idaho
Kate Thummel Fisher, M. S.	Prairieville
James M. Cromer, A. M., minister	Kansas City, Mo

1876

*Hon. George A. Anderson, A. M.	
Charles L. Ferris, A. M., physician	Carthage
T. J. Scofield, A. M., attorney for Union Traction Co.	Chicago
Ina Elder, A. M., teacher	Carthage
Sophronia Nesbit, A. M., teacher	Atlanta, Ga
Hattie Scofield Cromer, A. M.	Kansas City, Mo
Rose Spitler Scofield, A. M.	Carthage
*Grace Cherrill, B. S.	
Ben L. Cress, M. S., civil engineer	Boulder, Col
J. M. Dempster Davidson, A. M., minister	Chicago
Oscar M. Easterday, M. S., real estate agent	Lincoln, Neb

*Deceased.

‡The Faculty and Officers of the association desire to have the correct address of each graduate. It will be deemed a favor if the President of the institution and the Secretary of the Association be informed of errors and changes in address.

1877

Joseph C. Elder, M. S., farmer - - - - Carthage
J. Q. A. Kimmel, M. S., LL. B., attorney at law - Murphysboro
Judge A. A. Wolfersperger, M. S., attorney at law - Sterling
Laura A. Manier, A. M., teacher of music - - - Carthage
*George H. Albright, A. M.
Rev. James E. Weir, A. M., college president - Del Norte, Col
J. J. Williams, A. M., attorney at law - - Kansas City, Mo.
*Addie Logan Ray, A. M.
Julia Scofield McKemey, A. M. - - - Fairfield, Iowa
Jennie Fletcher, M. S., ex-missionary - - - Carthage
Mary Hawley Findley, M. S. - - - Peabody, Kan
Emma Sample Freeman, M. S. - - Red Bluff, Cal

1878

L. P. Cravens, A. M., principal of schools - Lake City, Minn
Charles S. DeHart, A. M., banker - - - - Carthage
John F. Fair, A. M., physician - - - - Freeport
Junius Colton Ferris, A. M., E. M., banker - - - Carthage
William G. Gettle, A. M., minister - - Steinauer, Neb
E. Clark Hughes, A. M., attorney at law - - Seattle, Wash
J. Frank Keefer, A. M., physician - - - Sterling
George W. Loop, A. M., farmer - - - Huntsville
Maggie Cravens, A. M. - - - - - Carthage
Emma J. Cromer Ladd, A. M. - - Des Moines, Iowa
Charles M. McMillan, M. S., farmer - - - Denver
M. G. Rohrbaugh, M. S., teacher - - - Omaha, Neb

1879

Peter Ewald, A. M., minister - - - - Lyons, N. Y
W. G. W. Geiger, A. M., attorney at law - - Tipton, Iowa
Frank H. Helsell, A. M., lawyer and banker Sioux Rapids, Iowa
Albert B. Shrader, A. M., minister - - - Nevada, Iowa
H. M. Swope, A. M., attorney at law - - - Quincy
Rev. Caroline Bartlett Crane, A. M., post-graduate student,
Chicago University - - - Kalamazoo, Mich

*Flora Manier Geiger, A. M.
Nellie Nesbit Hunn, A. M. - - - Des Moines, Iowa
Wm. H. Weaver, M. S., physician - - - Chicago
Hon. Scott M. Ladd, M. S., LL. D., Judge of Supreme Court - - - - - Des moines, Iowa
Fernando Sanford, M. S., Head Professor of Physics in Leland Stanford Jr. University - - Palo Alto, Cal
Alice E. Crawford Sanford, M. S. - - - Palo Alto, Cal
attie L. Tillapaugh Shrader, M. S. - - - Nevada, Iowa
Mary V. Thompson, M. S., teacher - - - Carthage

1880

Stephen K. Bittenbender, A. B., fruit grower - - San Jose, Cal
W. D. Henkle, A. B., journalist - - - - Anna
Herman Juilfs, A. M., minister - - - White Oak, Ohio
Andrew S. Zimmerman, A. M., minister - - Lansing, Mich
Emma DeHart Hughes, A. M. - - - - Seattle, Wash
Frank M. Campbell, M. S., physician - - Claflins, Kan
Robert L. Casburn, M. S., physician - - - Carthage
Joseph G. Gilchrist, M. S., civil engineer - - - Brook, Mo
Minnie Gilchrist Woods, M. S. - - - - Albany, N. Y
M. Blanche Griffin McArthur, M. S. - - - Hamilton
M. Inez Robbins Bickford, M. S. - - - Plymouth

1881

Wm. F. Ebright, A. M., superintendent of schools Platte, Neb
Jos. H. Miller, A. M., physician - - - David City, Neb
R. D. Zimbeck, A. M., physician - - Montevideo, Minn
*Clifford C. Musser, A. B.
Will O. Carleton, B. S., postmaster - - Cambria, Wyoming
Frank C. Harris, B. S., traveling salesman - - Chicago
Edgar F. Hurdle, B. S., farmer - - Wheatland, Wyoming
Josiah Kuhn, B. S., minister - - - - - Dixon
*W. P. Overman, B. S.
John K. Reed, B. S., minister - - - - Oregon
Walter Vanzile, B. S., farmer - - - - Carthage
Adell Griffin Barnett, B. S. - - - Kansas City, Mo
Mary Overman Damrell, B. S. - - - Hastings, Neb

1882

Oscar E. Aleshire, A. M., insurance agent - - Chicago
Stephen H. Ferris, A. M., banker - - - Carthage
A. C. T. Geiger, A. M., district judge - - - Oberlin, Kan
Frank Wertz, A. M., attorney at law - - - Forreston
George H. Schnur, Jr., A. M., minister - Chillicothe, Ohio
Kate Griffith Hill, A. M. - - - - - Carthage
Francisca Hopp Geiger, A. M. - - - - Oberlin, Kan
*Wm. V. Weir, B. S., M. D.
Florence J. Mereness Tressler, M. S. - - Shelbyville, Ind
Susan Williams, M. S. - - - - - Carthage
David E. Mack, A. M., attorney at law - - Carthage

1883

W. Henry Blancke, A. B., minister - - Davenport, Iowa
Fannie M. Dryden, A. M., Convent of Sacred Heart Albany, N. Y
Edwin S. Hoffman, A. B., minister - - Hornellsville, N. Y
*Mamie Hooker Daoust, A. B.
Adam Schafer, A. B., minister - - - - Weston, Ohio
Henry A. Spielman, A. B., hardware merchant Fairfield, Iowa
Jessie Williams, A. M., stenographer - - - Chicago
Lillie Zimmerman Schafer - - - - Weston, Ohio
Noah Fritz, A. B., manufacturer - - - Onida, S. D
D. Alban Kistler, B. S., publisher 4328 Oakenwald Street, Chicago
Alice Biery Miller, B. S. - - - - - Dixon

1884

Olive Hosford Fleck, A. B. - - - - Dayton, Ohio
Lura V. Thompson, A. M., national organizer C. W. B. M. Carthage
Roberta Brewer Risse, B. S. - - - - Carthage
Julia Ferris Hubbs, B. S. - - - - - Carthage
Mattie Gray, B. S. - - - - - Elderville

1885

Clara Browning Johnson, A. B. - - - Keokuk, Iowa
Minerva Holland, A. B. - - - - - Carthage
*W. J. Martin, A. M.
Ralph E. Scofield, A. B., attorney at law - Kansas City, Mo

A. L. Miller, B. S., physician - - - - Dixon
J. E. Williams, A. B., merchant - - - La Harpe

1886

Edwin Bollman, A. B., minister - - - Davenport, Neb
Sarah L. Hyde Mensel, A. B. - - - Ann Arbor, Mich
C. B. Lindtwed, A. B., minister - Bridgewater, Nova Scotia
Elizabeth Nace Holtgreve, A. B. - - - - Polo

1887

Paul B. Holtgreve, A. B., minister - - - - Polo
John N. Hyde, A. B., missionary - Ferozepore, Punjab, India
Julia Kellogg Goldwater, A. B. - - - Prescott, Ari
*Sallie Manier, A. B.
Laura McColm Dysinger, A. B. - - - Camden, Ind
Rev. E. H. Mensel, A. M., Ph. D., asst. professor in Middle High German, University of Michigan Ann Arbor, Mich
Wm. H. Naffziger, A. B., minister - - Smithsville, Ohio
Mary Tressler Newcomer, A. B. - - - Carthage
Abbie Kuhl Rizer, B. S. - - - - - Macomb

1888

Hugh M. Bannen, A. M., minister - - - Rockford
Albert F. Ernst, A. M., minister - - - - Galena
Fred W. Hawley, A. M., snyodical missionary, Oklahoma City, O. T
Albert Miller, A. B., missionary - - Poabingsq, China
Harry H. Whitten, A. B., physician - - - Peoria

1889

W. S. Dysinger, A. B., minister - - - Camden, Ind
C. B. Newcomer, A. M., Prin. Normal Dep't - - Carthage
Bess A. Tressler Maloney, A. B. - - - Mt. Carroll

1890

Belle Bolton, B. S., teacher - - - - Colfax, Iowa
J, L. Mishler, B. S., teacher - - - Colfax, Iowa
L. J. Motschmann, A. B., minister - - Ft. Wayne, Ind

1891

Cleophas C. O'Harra, Ph. D., Prof. of Geology, State School of Mines - - - Rapids City, S. Dak

1892

C. B. Bekemeyer, attorney at law - - - Mt. Pulaski
H. C. Funk, A. B., minister - - - - Nokomis
Mrs. Lillian Monk, B. L. - - - - Nevada, Iowa
R. W. Saer, A. B., merchant - - - - Carthage

1893

Mollie Marvel O'Harra, B. S. - - - Rapids City, S. Dak

1894

Will M. Beck, A. B., missionary Muhlenberg, Liberia, Africa
Nellie Cherrill, B. L. - - - - - Carthage
George C. Cromer, A. B., minister - - - Freeport
Maggie Delo, B. S., teacher - - - - Camp Point
Joseph Hegener, A. B., minister - Colorado Springs, Col
Herbert L. Jackson, A. M., attorney at law - - Carthage
Penfield E. Mason, A. M., Professor of History - Carthage

1895

E. K. Cherrill, A. B., bank clerk - - - - Carthage
T. Edwin Gill, B. S., merchant - - - Carthage
*J. Louis Nace, A. B.
C. W. Ramsey, B. S., teacher - - - Dallas City
J. Kent Rizer, A. B., minister - - - - Macomb
Eddy Robbins, B. S. - - - - - Carthage
Annie E. Sanford, A. B., missionary - - Guntur, India
O. B. Turner, A. B., teacher - - - St. Marys

1896

Effie Cromer Nelson, B. S. - - - Hartington, Neb
M. Isabel Felgar Wilson, B. S. - - - - Niota
Leona May McAnulty, B. S., teacher - - - Carthage
John A. McCullouch, A. B., minister - - Salina, Kas

Matie H. Schlenker, B. L., teacher - - Toledo, Ohio

1897

Matthew M. Anderson, B. L. - - - Hamilton
M. Golden Davidson, B. S., teacher - - - Carthage
Frederick W. Jasper, B. L., jeweler - - Newton, Iowa
Alice L. Marvel, B. S. - - - - - Carthage
Mary C. Noyes, B. S. - - - - - - Carthage
Samuel B. Robbins, A. B., law student - - Madison, Wis

1898

Klaudius Knudten, A. B., theological student Springfield, Ohio
Mabel Hope Martinis, B. L. - - - - Carthage
Charles J. Tressler, A. B., law student - - - Carthage

1899

Royal B. Brandon, B. S., law student - - - Carthage
Charles C. Carlton, B. S., law student - - - Carthage
John M. Herbst, A. B., theological student - Atchison, Kan
Theo. J. Jensen, A. B., - - German Army, Breklum, Germany
Alfred R. Kent, B. S., teacher - - - - Peabody, Kan
Philena Marvel, B. L. - - - - - Carthage
Frederick W. Obert, B. S. - - - - Ernest, Mo
Herbert S. Salisbury, B. S., teacher - - - Carthage
Morgan L. Webb, B. S., theological student. - Springfield, Ohio

29th

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ANNUAL

CATALOGUE

OF

CARTHAGE COLLEGE

Carthage, Illinois.

1900—1901.

THE COLLEGE CALENDAR.

1900.

September 4 to 6	Entrance Examinations
September 6	Fall Term begins
November 28	Fall Term ends
November 29	Thanksgiving Day
November 30	Winter Term begins
December 22	Christmas Vacation begins

1901.

January 2	Christmas Vacation ends
March 5	Senior Oratorical Contest
March 6	Winter Term ends
March 7	Spring Term begins
April 5	Good Friday—Holiday
May 26, 2 p. m.	Address to the Christian Associations
May 26, 8 p. m.	Inauguration of President Sigmund and Baccalaureate Sermon
May 27, 8 p. m.	Address before the Literary Societies
May 28, 2 p. m.	Laying Corner Stone of the Ladies' Dormitory
May 28, 4 p. m.	Meeting of the Alumni Association
May 28, 8 p. m.	Address before the Alumni Association
May 29, 10 a. m.	Annual Meeting of Stock-holders at Hancock County Court House
May 29, 10 a. m.	Annual Commencement
May 29, 8 p. m.	Commencement Concert

SUMMER NORMAL SCHOOL.

June 3	Summer Normal Term begins
July 12	Summer Normal Term ends

ANNOUNCEMENTS FOR 1901-1902.

September 4	Entrance Examinations
September 5	Fall Term begins
November 27	Fall Term ends
November 28	Thanksgiving Day
November 29	Winter Term begins
December 24	Christmas Vacation begins

1902.

January 1	Christmas Vacation ends
March 5	Winter Term ends
March 6	Spring Term begins
March 21	Good Friday—Holiday
May 29	Annual Commencement

Carthage College, Carthage, Ill.

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THE BOARD OF TRUSTEES.

REV. A. B. SHRADER	Nevada, Iowa
REV. W. H. BLANCKE	Davenport, Iowa
MR. ANDREW HANS	Newton, Iowa
REV. WILLIAM ROSENSTENGEL	Carthage, Illinois
REV. R. G. LINKER	Meredosia, Illinois
REV. H. M. BANNEN	Rockford, Illinois
REV. W. H. HARTMAN	Forreston, Illinois
MR. HENRY DENHART	Washington, Illinois
HON. A. A. KRAPE	Lena, Illinois
REV. J. M. FRANCIS	Springfield, Illinois
REV. F. L. SIGMUND	Carthage, Illinois
MR. FRANK S. SCHULTZ	Shipman, Illinois
MR. W. H. FELGAR	West Point, Illinois
HON. O. F. BERRY	Carthage, Illinois
HON. A. W. O'HARRA	Carthage, Illinois
DR. E. M. ROBBINS	Carthage, Illinois

OFFICERS OF THE BOARD.

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HON. A. A. KRAPE	Vice-President
REV. F. L. SIGMUND	Secretary
MR. S. H. FERRIS	Treasurer
HON. O. F. BERRY	Attorney

EXECUTIVE COMMITTEE.

REVS. H. M. BANNEN, F. L. SIGMUND, WM. ROSENSTENGEL,
MESSRS. O. F. BERRY, A. W. O'HARRA, E. M. ROBBINS,
W. H. FELGAR.

COMMITTEE ON BUILDING AND GROUNDS.

DR. E. M. ROBBINS, A. W. O'HARRA, W. H. FELGAR.

ORGANIZATION.

REV. FREDERICK LESTER SIGMUND,
President.

WILLIAM W. TROUP,
Vice-President.

PETER FIELD,
Secretary of the Faculty.

ROBERT JOHN PETERS,
Librarian.

CYRUS BARR NEWCOMER,
Principal of the Normal Department

MARY L. NEWCOMER,
Treasurer of the Contingent Fund

SAMUEL P. CAMP,
Janitor.

FACULTY.

REV. FREDERICK LESTER SIGMUND, A. M.,
President.
David L. Tressler Professor of Mental and Moral Philosophy.

WILLIAM W. TROUP, A. M.,
Professor of the Greek and Latin Languages and Literature.

JOHN ALEXANDER SHOTT, PH. M.,
Professor of the Natural Sciences.
(Absent on leave, at Harvard University.)

MARTIN OSTERHOLM, A. M., PH. D.,
Professor of the German and French Languages and Literatures.

PETER FIELD, M. S.,
Professor of Mathematics and Astronomy.

ROBERT JOHN PETERS, A. M.,
Professor of History and the English Language and Literature.

WILBERT BIGSLEY LARRICK, A. B.,
Acting Professor of the Natural Sciences.

CYRUS BARR NEWCOMER, A. M.,
Principal of the Normal Department.

MISS EDDY ROBBINS, B. S.,
Instructor in the Academy.

MISS IDA JOSEPHINE HELFRICH,
Assistant in the Normal Department.

HAROLD LEE JONES,
Instructor in Penmanship.

MISS SUSAN M. DAVIDSON,
Vocal Music.

MISS LAURA MANIER, A. M.,
Piano and Stringed Instruments.

MISS COLOMA BROWNLEE,
Stenography and Typewriting.

GEORGE HAROLD FONKEN,
Proctor in the Library.

PROF. JOHN A. CALIFF, SUPERINTENDENT OF HANCOCK COUNTY SCHOOLS,
Lecturer on Practical Pedagogy.

GENERAL INFORMATION.

FOUNDATION.

Carthage College is under the auspices of the General Synod of the Evangelical Lutheran Church in the United States of America. It was chartered in 1870 and graduated its first class in 1875. It is controlled by the Central and Southern Illinois, Northern Illinois, Iowa, and Wartburg Synods, which are the stockholders and elect the Trustees.

LOCATION.

Carthage is a pleasant, growing city of nearly two thousand five hundred inhabitants, the county seat of Hancock county, and is closely connected by railroads with Quincy, Keokuk, Burlington, and Galesburg. The city is healthful, quiet, and moral; it licenses no liquor traffic, and is free from many of the temptations to vice common in larger cities. The people are noted for their intelligence and hospitality.

GROUNDS AND BUILDINGS.

The College grounds cover an area of about eighteen acres, and are situated in a pleasant part of the city, half a mile from the public square.

The main building of the College is a large and beautiful brick structure, built in modern style and well finished throughout. It is entirely devoted to recitation rooms, society halls, Christian Association room, chapel, library, reading room, museum, office, laboratory, and waiting room, all of which are large, well lighted, and furnished with all needed appliances. During the past year many improvements have been made in the main building. Steam heat was introduced, the halls and chapel were frescoed, the laboratories were refitted and modern conveniences were added. The campus was also re-surveyed, new drive-ways were laid out, and other needed changes were made.

LADIES' DORMITORY.

During the coming summer a dormitory for ladies will be built on the campus. This will be a beautiful, modern structure, built of brick, well lighted and heated, with all the modern comforts and conveniences. It will be finished by August 15, 1901, and ready for occupancy at the opening of the Fall Term. Here the ladies from out of town will be expected to room and board and will be under the supervision of a matron.

READING ROOM.

A Reading Room has been fitted up in connection with the College library. Here the students have access to daily, weekly, monthly, and quarterly periodicals of all kinds. The room is open every school day from 8 a. m. to 5. p. m. under the supervision of proctors, appointed by the faculty.

LABORATORIES AND SCIENTIFIC EQUIPMENTS.

There are now three laboratories for the practical work and research experiments of the scientific departments of the College. Recently a biological laboratory has been equipped with compound microscopes, reagents, charts, models, and all other necessary apparatus and appliances.

The chemical laboratory was entirely refurnished last summer and many new instruments secured. Individual desks, well supplied with light, water, and heat have been introduced.

The laboratory in Minerology and Geology has been equipped during the present year. A choice collection of minerals and fossils has been gathered. Mrs. Philip J. Schopp, Greenville, Ohio, donated recently to the College, in memory of her husband, a rare collection of minerals, comprising more than six hundred specimens, and including also a valuable collection of fossils. These have been arranged in a separate cabinet and called "The Philip J. Schopp Collection."

The College has also lately received a complete set of surveying instruments from Mrs. John Wolf, Olney, Illinois.

LITERARY SOCIETIES.

Two Literary Societies are sustained in connection with the College. The membership is about the same in each. Sessions are held on Friday evening of each week, and to those connected with them they afford, besides access to their libraries, valuable aid in composition, debate, elocution, and parliamentary practice. All candidates for degrees are required to unite with one or the other of these societies, and regularly to take part in the literary exercises for three years. For the most part the College accepts the work done in the societies in lieu of rhetorical exercises under the direction of the Faculty, though essays, orations, abstracts, paraphrases, and critiques are required from time to time in the Department of English. All College and Senior Academic students are required to give eight performances in the societies each year; three in the Fall term, three in the Winter term, and two in the Spring term. Those who do not fully meet these requirements of the societies are reported to the Faculty at the end of each term by the critics. Such students are then required to give an equivalent in public performance or to make up the delinquency in such other way as the Faculty may require. *The performance of this literary work is a requirement for graduation.*

In the Academic and Normal Courses, no one is graduated without performing society duties for one year. The halls are elegantly frescoed, carpeted and furnished with every needed convenience, presenting an attractive and homelike appearance, and inviting to participation in the exercises of the sessions.

GALILEO SOCIETY.

Galileo Literary Society, the oldest society in Carthage College, was founded in September, 1870, with the motto, "Diligentia in literis ad astra agit." The members of the society are drilled in parliamentary rules and practice, and are trained in the preparation and delivery of recitations, essays, debates, and orations. The society hall has been beautifully frescoed during the past year. The library numbers about two thousand volumes and has lately been

re catalogued and classified. A handsome piano is among the recent acquisitions of the society.

CICERO SOCIETY.

Cicero society, organized in September, 1871, has completed another year's work with progress shown in all directions. During the year the membership was increased materially, the hall renovated and brightened, and quite a few books added to the library. This last item being provided for by a well established sinking fund.

The new piano adds greatly to the enjoyment of the meetings. A handsome society pin has been adopted during the past year to promote fellowship among the members. On the whole, Cicero feels it has made a long step towards its primary object—mental and moral culture.

THE CARTHAGE COLLEGIAN.

During the past year the *Collegian* has been entirely revised in form and changed in management. It is now under the control of the two Literary Societies of the College and is edited by a staff of editors chosen from their number with the addition of an advisory editor from the Faculty. The *Collegian* is now issued monthly in neat magazine form and size. One-third of its space is devoted to literary matter and the remainder is given to items of college interest. As published now, the Collegian is the organ of the student body and reflects much credit both to the Literary Societies and to the College.

RELIGIOUS LIFE AND CULTURE.

The tone of the institution is positively religious. The value of the religious element in culture is distinctly recognized, in that it is made a prominent feature in the instruction and prevailing sentiment of the College. The study of the Bible is also given prominent attention in all the courses leading to degrees.

The work of each school day is commenced with prayer. Students are expected to attend public worship on the Lord's day. Those who are members of the different denominations are expected to worship in their respective churches. The Baptists, Episcopalians,

Christians, Methodists, Presbyterians, German Lutherans, and English Lutherans have organizations and regular services in the city. Students who have no church connections are urged to select the church which they prefer to attend and become regularly identified with the Sabbath School of the same.

Y. M. C. A.

The Young Men's Christian Association, organized in 1881, has always contributed very materially to the religious life of the students.

Prayer meetings are held on Tuesday evening of each week for men only, and on Sunday afternoon regular joint meetings are held with the Young Woman's Christian Association.

The religious training obtained from these meetings together with what is derived from the Devotional Bible Study and Mission classes, which are conducted by the association, cannot be overestimated in the moral and spiritual development of every college-bred man.

Y. W. C. A.

Regular meetings of the Association are held every Monday evening and Union meetings of the Y. M. C. A. and Y. W. C. A. every Sunday afternoon. The Y. W. C. A. of Carthage College is just closing a year of successful work. Though our Association is not so large as some, all the young ladies who are members are interested and are greatly benefitted by association with each other.

While this Association has for its aim, the development of a strong Christian character, yet it is also a social medium. Our Association was represented at the State Convention at Bloomington by two delegates and will be represented at the Geneva Conference by one or more delegates. All girls entering college are urged to join the Young Woman's Christian Association.

ATHLETICS.

The athletics of the College are under the control of the Y. M. C. A. In the autumn foot-ball, and in the spring base-ball and track-athletics, receive most attention. An effort will be made this year

to equip a gymnasium, which will afford an opportunity for exercise and physical training.

INSTRUCTION.

The instruction in all departments is thorough and practical. It is intended to be helpful to the student, but in no sense a substitute for his individual exertion. The aim is to afford the student the very best discipline in habits of independent thinking, and the methods employed are made to conform to this end. The class-room work is carried on by means of recitations from suitable text-books, free discussion in classes, presentation of thesis, frequent examinations and reviews, dictation of notes, use of black-boards and charts. Lecture courses in higher classes are given throughout the year.

Original work on the part of the student is encouraged and insisted upon as a requisite to graduation.

Courses of reading on special topics, supplementary to the subjects pursued in class, are laid out, and the student is required to follow these up carefully and at stated times to give a synopsis of the parts gone over. At the discretion of the teacher, work of this kind may be received in place of a review of the text-book, preparatory to examination. The results so far as this system has been practiced have been very gratifying.

EXAMINATIONS.

Examinations are held from time to time as it is thought necessary or advantageous to the progress of the students. At the discretion of the teacher, other work assigned by him may be received as a substitute for an examination.

Promotions to advanced standing are made upon the basis of satisfactory examinations in the studies pursued, or the performance of such special work as the teacher may direct.

CLASS STANDING.

A record of scholarship and deportment of each student is kept,

and the report of the same is sent to the parent or guardian at the end of each term, and more frequently if requested.

THE LEON W. BERRY PRIZE.

Leon W. Berry, of the city of Carthage, offers annually a gold medal to that regular member of the Freshman class who attains the highest average grade in all the studies of the regular College Courses for the year. The prize last year was awarded to Miss Margaret Proctor, Carthage, Illinois.

COLLEGE PRIZE.

The College offers a gold medal to that member of the Senior class who, under the supervision of the Faculty, in the second term of the college year, in public contest shall produce the best original oration, regard being had for both thought and delivery. Miss Lucy Sholl Cherrill, of the present Senior class, won the prize this year.

FACULTY PRIZE IN ORATORY.

The Faculty offers a prize to that member of the Junior class who in public contest shall produce the best original oration, regard being had for both thought and delivery.

DAUGHTERS OF THE AMERICAN REVOLUTION PRIZE.

Shadrach Bond Chapter of the Daughters of the American Revolution offers a prize, consisting of a set of books, to that member of the College in American History class, who shall write the best essay on American History.

TERMS AND VACATIONS.

The collegiate year consists of thirty-seven weeks, divided into three terms, as follows: Fall Term of twelve weeks, Winter Term of thirteen weeks, and Spring Term of twelve weeks.

There are two vacations, the usual holiday vacation lasting about

two weeks, and a long summer vacation of thirteen weeks. (See Calendar, pages 2 and 3). By this arrangement students can pursue their studies continuously during term time, and make the very best use of the long vacation for procuring the means necessary for prosecuting the work in the Institution. It is very important that students should commence with the beginning of the year and continue regularly until its close. Those so beginning will be *certain* to find satisfactory classification. Students may enter at any time and take such places as they are prepared for in classes already formed; but the best results are secured by those who commence at the opening of the year.

EXPENSES.

The necessary expenses at Carthage College are exceedingly low. Special efforts are made to reduce each item of expense to the very lowest, so as to bring the advantages of a thorough collegiate education within the reach of all. A few students defray a part of their expenses by doing light work about the buildings and grounds, as well as in the city.

Tuition, Fall Term..... $10.00
Tuition, Winter Term..... 12.00
Tuition, Spring Term..... 10.00
Tuition, per year..... 32.00
Contingent Fee, fifty cents a term.
Music, 20 lessons on piano or organ..... 10.00
Voice, 20 lessons..... 10.00
Shorthand, for course of 20 lessons..... 8.00
Typewriting, for course of 10 lessons..... 4.00
Use of typewriter per month, one hour a day..... 2.00
Board, with furnished room, in private families,
per week..... $2.50 to 3.00
Board, Room Rent, and Tuition per year..... $115.00 to $150.00

For students taking Chemistry a fee of $1.50 per term is charged to cover cost of materials used.

For students taking Freshman Science—Biology, Zoology, and Botany—a fee of $2.00 is charged for the year.

For students in Mineralogy a fee of $1.00 per term is charged.

Students entering for less than a term will be charged $1.00 per week for tuition.

In all cases tuition must be paid in advance. In cases only of protracted sickness will tuition be refunded.

Students leaving the institution without duly notifying the President and adjusting their accounts will be charged full term rates.

Those graduating from the College are charged a fee of $5.00 for diploma, and those graduating from the other departments, a fee of $2.00.

Money may be deposited with the President of the College to be disbursed as directed by parents or guardian. Money and other valuables may be deposited for safe keeping in the vault of the College.

GOVERNMENT.

The Government is vested in the Faculty. It is the aim as far as possible to combine both the civil and parental modes of governing. Good conduct and faithful work are required. To secure these ends appeal is made to the honor and moral sense of the students. Students who cannot be reached by such means, and whose connection with the College is profitable neither to the institution nor to themselves, are not permitted to remain as a disturbing influence to the great body of diligent and faithful students.

COLLEGE RULES.

Few rules are needed for the government of the students. The following have been found serviceable and necessary for the safety and good order of the College community. Their strict observance is insisted upon:

1. All students, except those who are residing with their parents or guardians in the city of Carthage, are under the direct control of the Faculty, and are required to observe study hours during the day and evening from 8 A. M. to 11 A. M.; from 2 P. M. to 4. P. .M; and from 6:30 P. M.

2. During study hours all students remaining between recitation periods are required to be in the waiting room while not reciting.

3. Students from abroad are not permitted to attend entertainments which are not approved by the Faculty.

4. All students from a distance are required to obtain permission of the President before leaving the city.

5. Students having recitations at 9:05 and 10:10 A. M. are required to attend chapel.

LEGACIES.

The following persons have given $1000 or more toward the founding of the David L. Tressler Professorship: The heirs of Frederick William Klemme, Henry Denhart, Andrew Hans.

FORM OF BEQUESTS.

In making bequests, care should always be taken to use the correct and full corporate title of the College; also to state clearly the amount of bequest, and any special use, if any, for which it may be designed. The following general form of bequest is recommended.

I give, devise, and bequeath to Carthage College, Carthage, Illinois, the sum of $.....(or if real estate or other property, describe accurately), said funds to be held by it and applied to the endowment fund of Carthage College (or if for other purpose, state clearly). But in case the College should cease to be controlled by the General Synod of the Evangelical Lutheran Church of the United States of America, or a Synod or Synods belonging thereto, said money or proceeds shall revert to the Board of Education of said General Synod for the support of some other General Synod College on the present Carthage College territory.

THE COLLEGE.

While the College believes that certain branches of study are essential to the highest intellectual development and the broadest culture of the student, yet it holds that different curricula of studies may be made to serve the great aims and ends of education. It therefore offers two courses, each leading to a degree, viz:

The Classical Course, leading to the degree of Bachelor of Arts;

The Scientific Course, leading to the degree of Bachelor of Sciences.

The number of credits required for the completion of these courses is the same in both.

CLASSICAL COURSE.

This course places special emphasis upon the study of the language, literature, and history of the Greeks and Romans. It includes full work in the English Language, in Philosophy and History, as well as one year of Science, and Mathematics up to and including Trigonometry. Provision is made in the Junior and Senior years whereby the student may elect work in the Sciences, Mathematics, and Modern Languages which is not offered in the requirements in this course. The Classical Course leads by the most approved means to the most perfect discipline of the mental powers, and all those who intend to enter any of the learned professions, and especially the Christian ministry, are earnestly advised to pursue this course.

SCIENTIFIC COURSE.

This course emphasizes the study of the Natural Sciences and Mathematics, both with reference to their disciplinary value and their practical importance. Science is a required study throughout the course. It includes four years' work in English, full work in Philosophy and History, and requires two years of German and one year of French, in lieu of the Greek and the additional Latin required in the Classical Course. In the Junior and Senior years,

opportunity is offered for electing further work in the Modern Languages.

TERMS OF ADMISSION.

Candidates for admission must present satisfactory testimonials of good moral character; certificates of regular dismission are required of those who come from other colleges.

Candidates for admission to the Freshman class are examined in the following subjects and books:

I. LATIN:
   1. Collar & Daniell's First Latin Book. Latin Grammar; Allen & Greenough, Harkness, or Bennett.
   2. *Via Latina.* Cæsar, four books of Gallic War.
   3. Cicero; four orations against Catiline, For Roscius, For Archias.
   4. Vergil; Æneid, Books I.-VI., with Prosody.
   5. Prose Composition; thirty lessons of Bennett's Latin Prose Composition.

II. GREEK:
   1. White's Beginner's Greek Book. Goodwin's Greek Grammar.
   2. Xenophon; Anabasis, four Books.
   3. Prose Composition; the equivalent of the first twenty lessons of Jones' Greek Prose Composition.

III. MATHEMATICS:
   1. Arithmetic complete.
   2. Algebra, through Quadratics. Fisher & Schwatt, or equivalent.
   3. Geometry, Plane and Solid complete. Phillips & Fisher.

IV. HISTORY:
   1. United States: Johnson's *History of the United States*, or its equivalent.
   2. General History: Myers's *General History* or its equivalent.
   3. Greece: Myers's *History of Greece*, or its equivalent.
   4. Rome: Myers's *Rome: Its Rise and Fall*, or its equivalent.

V. ENGLISH:

1. A short essay, correct in orthography, punctuation, construction of sentences and paragraphs, grammar, diction and style, on a theme drawn from one of the books in the course prescribed by the Association of American Colleges:

Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas*; Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Addison and Milton*; George Eliot's *Silas Marner*; Pope's *Translation of the Iliad*, Books, I, VI, XXII and XXIV; *Sir Roger de Coverley Papers* from *The Spectator*; Goldsmith's *Vicar of Wakefield*; Scott's *Ivanhoe*; Shakespeare's *Merchant of Venice*; Cooper's *Last of the Mohicans*; Tennyson's *The Princess*; Coleridge's *Ancient Mariner*; Lowell's *Vision of Sir Launfal.*

2. Criticism and correction of specimens of incorrect English.

3. A written examination on the fundamental principles of Grammar and Rhetoric.

VI. SCIENCE:

1. Descriptive and Political Geography.
2. Physical Geography.
3. Elementary Zoology.
4. Physiology.
5. Elementary Botany.
6. Elementary Physics.

Candidates for admission to the Freshman Class of the Classical Course are examined in all of the above. Real equivalents in the work of Ancient Languages will be accepted.

Candidates for admission to the Freshman Class of the Scientific Course will be examined in all of the above except II.

For a complete outline of all the courses in this department, see Academic Department.

Graduates of the Academic Department of Carthage College are admitted to the corresponding courses of the Collegiate Department without examination. Graduates of the Carthage High School and other accredited High Schools and Academies are admitted to the various courses of the College on the same conditions as those from our Academy.

CONDITIONED STUDENTS.

Applicants for admission to the Freshman Class, who are deficient in not more than two subjects, may be admitted conditionally, all conditions to be removed by the end of the Freshman year, the students meanwhile maintaining good standing in their regular classes. Such conditions must be removed by credits received by taking the subjects with the regular Academic classes.

ADVANCED STANDING.

Candidates for admission to advanced standing must sustain an examination in the studies previously pursued by the class they propose to enter. Under this regulation, students are admitted at any time within the year. Under certain restrictions, credits, *without examination*, are given for work of like grade done in other institutions. In all cases the applicant must present a certificate of honorable dismissal from the college where these credits were earned.

SPECIAL STUDENTS.

Students who do not desire to pursue a regular course of study may pursue a select course if they are prepared to take the work of the regular classes pursuing those branches. Such students must take the examination with the regular class; are subject to all the rules and regulations of the College, and are expected to take sufficient work to occupy fully their time.

All the studies of the Freshman and Sophomore years are required in all the courses. In the Junior and Senior years, in addition to the required studies, a liberal list of electives is offered. In addition to the general electives offered the student is permitted to elect any study offered in other courses and not required in his own. These electives are restricted in the sense that an election of a certain study at the beginning of the year imposes upon the student the requirement that in the following two terms he pursue certain studies designated by the faculty at the time of the first election. This regulation is intended to prevent the too common abuse of the elective system, and is favorable to the student who desires to acquire

mastery in any particular line. When the election has been made and cognate subjects assigned, no deviation can be made from this order except upon the application of the student and by the unanimous consent of the faculty.

SUBSTITUTIONS.

No substitution of elective work for required work, or of required work in one department for different required work in another department, may be made without the approval of the majority of the faculty and the concurrence of the Professor in whose department the proposed substitution is to be made.

REQUIREMENTS FOR GRADUATION.

The work covers a period of four years. The number of recitations a week necessary to complete the course leading to a degree is eighteen for the Freshman, Sophomore, and Junior classes, and fifteen for the Senior class. No student will be recommended for graduation who does not take all the prescribed studies in the course leading to the degree applied for. Nor will anyone, without special permission of the Faculty, be permitted to have more recitations than the number assigned to the class of which he is a member.

DEPARTMENTS OF INSTRUCTION.

MENTAL AND MORAL PHILOSOPHY.

PRESIDENT SIGMUND.

The courses offered in this department are designed to furnish the student with a thorough and comprehensive understanding of the elements of mental and moral science and of the leading facts and principles of the history of philosophy. Standard texts are made the basis of study, but the works of the leading writers on the various subjects will be consulted on special topics. Independent thought will be encouraged and theses on assigned topics will be required during the year.

1. PSYCHOLOGY. An introductory study of the mind with references to the physiological and philosophical problems involved. Twice a week throughout the year. Required of all Juniors.

2. LOGIC: DEDUCTIVE AND INDUCTIVE. A study of formal logic with references to the history of the science and frequent praxis in the application of the theory of thought. Twice a week through the first half-year. Required of all Juniors.

3. INTRODUCTION TO PHILOSOPHY. Designed to acquaint the student with the relations and problems of the philosophical sciences and to assist in the formation of a system of philosophy. Twice a week through the second half-year. Required of all Juniors.

4. HISTORY OF PHILOSOPHY. A study of the leading systems of ancient, mediæval and modern times. Twice a week throughout the year. Required of all Seniors.

5. ETHICS. A study of ethical principles and theories, with references to the leading schools and with discussion of practical problems. Twice a week through the first half-year. Required of all Seniors.

THE LATIN LANGUAGE AND LITERATURE.

PROFESSOR TROUP.

The purpose of the instruction in this department is: First, to acquaint the student thoroughly with the principles of the language itself. Second, to give the student a knowledge of the development of the language, of its main literary features, and an acquaintance with the moral and social problems which the Romans endeavored to solve. In the early part of the course the chief writers of the late Republic and early Empire are read. Rapid reviews of forms and syntax are given, and translations into idiomatic English are insisted upon. Auxiliary to these aims, composition based upon the text which is being read is required frequently.

As the student acquires larger familiarity with the language, the stylistic and historical elements are brought into prominence, and by reading large portions of their masterpieces a critical examination of the literay characteristics of the various authors is attempted.

FRESHMAN YEAR:

FALL TERM: Cicero, *De Senectute*, is read. The indebtedness of the English language to the Latin is pointed out by constant reference to Cicero's large and varied vocabulary. Latin composition one hour a week.

WINTER TERM: Livy; Book I. Sight reading is required frequently. Latin composition one hour a week.

SPRING TERM: Livy; Book XXI., and selections from XXII. Sight reading continued. One hour a week is devoted to the study of Roman Literature (Prof. Wilkin's Primer). *Freshman course, four hours a week, required of Classical and Scientific students.*

SOPHOMORE YEAR:

FALL TERM: Horace; Odes, Books I. and II., and Epodes. Review of Latin Prosody and study of Horatian Metres. The pupil is required to memorize several odes assigned by the instructor. Roman Mythology, one hour a week.

WINTER TERM: Horace, Satires and Epistles, selected. Scansion of the entire text read. Preston and Dodge's Private Life of the Romans, one hour a week.

SPRING TERM: Quintilian; Institutes, Books X. and XII. The attention of the student is directed to the differences in syntax and diction, as exhibited by Quintilian and the authors previously read. Sight reading. *Sophomore Course, four hours a week required of Classical students.*

JUNIOR YEAR:

FALL TERM: Juvenal and Persius. Sight reading.

WINTER TERM: Tacitus; Germania and Agricola. Study of the Colonial Policy of Rome. The characteristics of Tacitus' Style.

SPRING TERM: Cicero; Tusculan Disputations. This work will be read in large installments, and some time will be given to the discussion of the subject matter of the Dialogue under consideration. Other texts may be substituted for this year's work. *Junior Course, two hours a week, elective for all who have taken the Sophomore Course.*

SENIOR YEAR:

FALL TERM; Suetonius; Lives of the Cæsars, *Julius*, *Augustus*, *Tiberius*.

WINTER TERM: Tacitus, History and Annals or, selected letters of Pliny and Cicero.

SPRING TERM: Lucretius, *De Natura Rerum*; or, some one or more of the philosophical works of Cicero.

The Senior Course two hours a week, is elective, and is subject to change to suit the requirements of the class. If the members of the class desire to prepare for teaching Latin, a course may be given in the methods of presenting preparatory Latin, and in advanced Latin Prose with systematic study of the Grammar.

THE ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR PETERS.

The work in the Department of English is three-fold, rhetorical, philological, and literary; and is distributed throughout the entire course of four years.

English composition comprises the work of the Freshman year. The elementary principles of composition are studied and practiced in daily and weekly themes and essays.

English philology is studied in the sophomore year. In the first term Anglo-Saxon grammar and syntax are studied, and easy selections of Anglo Saxon prose and poetry are translated. In the second term attention is given to historical English grammar, or philology, which traces historically the rise, growth, and development of the Modern English language from the Anglo-Saxon. The third term is devoted to the study of the history of English literature from its beginnings to the present day. Monthly essays and theses supplement this work.

The study of rhetoric, theoretical and practical, constitutes the Junior year in English. The theory of rhetoric is studied, and the various rhetorical principles are put into practice in the writing of essays in description, narration, exposition, and argumentation, and of orations. Side by side with the study of rhetoric as an art, or constructive rhetoric, goes the study of rhetoric as a science, or critical rhetoric, which analyzes the various kinds of discourse and traces the laws of composition in the standard works of literature. Bi-weekly essays and orations supplement this course of study.

The senior year is devoted wholly to the study of English poetry. In the first term the writings of Chaucer and Spenser will be studied critically and the various literary tendencies and movements of their times will be considered. The second term will be devoted to the study of Shakespeare and Milton. Several comedies and tragedies of the former will be read critically in class and will be interpreted from the standpoint of dramatic criticism. The first two books of Milton's *Paradise Lost* will be read and criticized in class. The study of Browning and Tennyson will constitute the

work of the third term. The shorter poems and dramas of Browning will be read in class and interpreted in regard to the thought and spiritual vitality, followed by a similar study of the greater poems of Tennyson.

COURSES OF INSTRUCTION.

FRESHMAN YEAR.

FALL TERM: English Composition. Daily themes.
WINTER TERM: English Composition. Weekly essays.
SPRING TERM: English Composition. Bi-weekly essays.
Two hours a week. Required in all courses.

SOPHOMORE YEAR.

FALL TERM: Anglo-Saxon. Baskervill and Harrison's *Anglo-Saxon Reader.*

WINTER TERM: English Philology. Emerson's *History of the English Language.*

SPRING TERM: History of English Literature. Essays. Pancoast's *Introduction to English Literature;* Pancoast's *Standard English Poems.*

Three hours a week. Required in all courses.

JUNIOR YEAR.

FALL TERM: Rhetorical style. Essays.
WINTER TERM: Rhetorical Invention. Essays.
SPRING TERM: Rhetorical Analysis. Orations.
Two hours a week. Required in classical course.

SENIOR YEAR.

FALL TERM: Chaucer and Spenser. Theses.
WINTER TERM: Shakespeare and Milton. Theses.
SPRING TERM: Browning and Tennyson. Theses.
Two hours a week. Required in all courses.

HISTORY, ECONOMICS, AND SOCIAL SCIENCE.

PROFESSOR PETERS.

The purpose of these courses of study is to trace the history of mankind and the development of human institutions from the beginnings of Greece and Rome to the present day. In the Freshman year the rise, growth, development, and decline of the Greek and Roman peoples and institutions are traced and their permanent contributions to civilization are considered.

The Sophomore year is devoted to the study of the history of Mediæval Europe and to the consideration of civilization during the Middle Ages. The growth of the European nations and of the political and social institutions of Europe from the fall of Rome until the discovery of America will be traced.

In the Junior year the history of Modern Europe will be studied. Special attention will be given to the development of the modern nations of Europe and to the great religious and political movements of the period.

The Senior year comprises the study of Political Economy, Political Science, and Sociology. These subjects are studied theoretically and practically. The philosophy of the several subjects is carefully considered in class and the practical application of the various economic, political, and social principles is made in original research and investigation.

All these courses of study are supplemented by theses on special subjects for private study and research. In the historical courses special attention will also be given to the geography of the countries studied.

Elective courses of study in American Constitutional History, or in English Institutional History, open to Seniors, will be given if there is sufficient demand and satisfactory arrangements can be made.

COURSES OF INSTRUCTION.

FRESHMAN YEAR.

FALL TERM: Greek History. Myers's *History of Greece.*

WINTER TERM: Roman History. Myers's *Rome: Its Rise and Fall.*

SPRING TERM: Roman History. Myers's *Rome: Its Rise and Fall.*

Labberton's *Historical Atlas* for geographical reference. Theses and supplementary reading.

Two hours a week. Required in all courses.

SOPHOMORE YEAR.

FALL TERM: Mediæval History. Emerton's *Introduction to the Middle Ages.*

WINTER TERM: Mediæval History. Emerton's *Mediaeval Europe,*

SPRING TERM: History of Civilization. Adams's *Civilization in the Middle Ages.*

Labberton's *Historical Atlas* for geographical reference. Theses and supplementary reading.

Two hours a week. Required in all courses.

JUNIOR YEAR.

FALL TERM: Modern History. Duruy's *History of Modern Times.*

WINTER TERM: Modern History. Fyffe's *History of Modern Europe.*

SPRING TERM: Modern History. Fyffe's *History of Modern Europe.*

Labberton's *Historical Atlas* for geographical reference. Theses and supplementary reading.

Two hours a week. Required in classical course.

SENIOR YEAR

FALL TERM: Political Economy. Hadley's *Economics.*

WINTER TERM: Political Science. Bryce's *The American Commonwealth.*

SPRING TERM: Sociology. Wright's *Practical Sociology*.
Theses and supplementary reading.
Three hours a week. Required in all courses.

MATHEMATICS AND ASTRONOMY.

PROFESSOR FIELD.

The work in this department is so arranged that the student has the opportunity of completing the course or of taking only such studies as are essential. The work is as practical as it can be made, the aim being:

1. The cultivation of orderly, continuous, and independent thought.

2. The preparation of the student for the mathematical operations necessitated in an intelligent and exhaustive study of the sciences.

ALGEBRA. The first few weeks are devoted to a rapid review of the portion of Algebra preceding quadratics. This review is followed by a careful study of the binomial theorem, series. logarithms, equations of higher degree, and so forth. Downey's *Higher Algebra* is the text used. Required of Freshmen in all courses first and second terms, four hours a week.

TRIGONOMETRY, PLANE AND SPHERICAL. Murray's text is used. Required of Freshman in all courses, first and second terms, four hours a week.

ANALYTIC GEOMETRY. The aim is to acquaint the student with analytical methods of investigation, and to make him more skillful in the use of algebraic processes. Required of Sophomores in the scientific course, first term, four hours. Elective in other courses.

DIFFERENTIAL CALCULUS. Differentiation of algebraic and transcendental functions, development of functions, treatment of maxima and mimima, curvature, evolutes, involutes, etc. Required of Sophomores in the scientific course. Second term, four hours. Elective in other courses.

INTEGRAL CALCULUS. Integration of the various forms and

geometrical applications. Required of Sophomores in the scientific course, third term, four hours. Elective in other courses.

Problems in Algebra, Geometry, and Trigonometry, open to all students who have completed their Freshman mathematics. One hour.

Additional courses in mathematics will be given if desired.

ASTRONOMY. The aim of this course is to give a general knowledge of the facts of Astronomy, with a clear conception of the principles underlying them and an understanding of the methods of arriving at these facts. Young's text is used. This is a two hour elective for the first and second terms, open to students of all courses.

THE GREEK LANGUAGE AND LITERATURE.

PROFESSOR TROUP.

Liberal provision for the study of the Greek Language and Literature is offered in the Classical Course. Believing that, as a disciplinary study and as an aid to the interpretation and appreciation of literature, the Greek Language possesses many superior advantages, we have given it prominent attention in the Freshman and Sophomore years. The aim in the first part of the course is to lead to the mastery of the grammatical structure of the language and to the acquirement of a good vocabulary. To this end, frequent exercises are given in prose writing from sentences based on the text which is being read. Written translations of difficult passages are required from time to time. In the latter part of the course the student, having acquired facility in translation, should be able to appreciate to some degree the strength and beauty of Greek literature and gain some conception of the influence of Greece on human thought and culture. The Greek of the Junior and Senior years is elective, and all Classical students are urged to pursue the study throughout the course.

FRESHMAN YEAR:

FALL TERM: Lysias. The Course in Lysias includes the eight

orations complete given in Morgan's *Lyias*. Rapid review of forms and syntax. Twenty lessons in Greek Prose.

WINTER TERM: Lysias continued first four weeks. Homer, *Iliad*, Books I. and II. Special attention given to Greek Prosody and the dialectic peculiarities of Homer.

SPRING TERM: Homer, *Iliad*, Books III.—VI. Study of the Homeric Question.

Freshman course, four hours a week, required.

SOPHOMORE YEAR.

FALL TERM: Sophocles, *Electra*. Scansion of the Choral Odes.

WINTER TERM: Euripides, *Medea*. In connection with this course and the preceding, the class will make a study of Dramatic Literature and The Greek Stage.

SPRING TERM: Plato, *Apology* and *Crito* (Dyer). Study of the Dialogue. Study of Socrates as a public teacher.

Sophomore course, four hours a week, required.

JUNIOR YEAR.

FALL TERM: Demosthenes, *On the Crown*. Notes on the Public Life of the Greeks.

WINTER TERM: Theocritus. Greek Literature, (Jebb's Primer).

SPRING TERM: Aristophanes, *Clouds* Old Greek Life, (Jebb).

Junior course, two hours a week, elective.

SENIOR YEAR.

FALL TERM: Thucydides, Book VII.

WINTER TERM: Justin Martyr, *Apology Major*.

SPRING TERM: Pindar, Selected Odes. The president of the college offers a course in New Testament Greek, two hours a week, which is elective for Juniors and Seniors and may be taken instead of the elective work offered in this department.

Senior course, two hours a week, elective.

NATURAL SCIENCES.

PROFESSOR LARRICK.

I. BIOLOGY.

The course in Biology combines the practical work of the laboratory with that of the recitation room in such a way as to enable students to grasp the underlying principles of the science and to acquaint him with the more interesting and typical forms of life. Special attention is given to types of text and to the collection and preservation of the lower forms of animal life.

In addition to the types described in the text, other types are studied and dissected. All students are required to prepare written descriptions of types according to plan of instructor.

The Biological Department occupies a separate room and is supplied with works of reference, compound microscopes, and other apparatus and reagents necessary for thorough work.

1.—ZOOLOGY. Two hundred pages of Parker's *Elementary Biology*. Collection and preservation of insects, study of types of text, dissection of insects, etc.

Two hours (Rec). Four hours (Lab). Fall Term.

2.—ZOOLOGY. Two hundred pages of text, study of types of text, dissection of typical forms, and practice in sectioning and preparation of permanent slides.

Two hours (Rec). Four hours (Lab). Winter Term.

3.—BOTANY. Coulter's *Structure of Plants*, study of types of text, collection and analysis.

Two hours (Rec). Fours hours (Lab). Spring Term.

Courses 1, 2 and 3 are designed for Freshmen in Scientific Course.

4.—ADVANCED PHYSIOLOGY. Thornton.

Two hours. Spring term.

Course 4 is elective for Sophomores.

II.—CHEMISTRY.

The course in Chemistry is designed to meet the wants of those desiring to pursue the study as a part of a liberal education. The Chemical Department occupies two rooms on first floor in the Col-

lege building. One of these rooms is the recitation room, provided with accessories for illustrating the subject; the other is used for laboratory instruction. It is well supplied with apparatus and is designed for the convenience of the students, each one having a sink and separate access to water supply in order to promote rapid work. All students are required to explain reactions and record each experiment according to plan of instructor.

1.—NON-METALS. The chemistry of non-metals is taught by recitations, lectures and experiments.

Two hours (Rec.) and four hours (Lab.) Fall Term.

2.—METALS. Chemistry of metals and laboratory work.

Special attention is given to preparations, tests and uses of the metals.

Two hours (Rec.) and Four (Lab). Winter Term.

3.—WATER ANALYSIS AND IMPORTANT COMPOUNDS. A course in water analysis for domestic purposes and study of important compounds is designed by instructor.

Six hours (Lab). Spring Term.

Courses 1, 2 and 3 are prescribed for all Sophomores.

GEOLOGY.

The course in the Geological Department offers the student an opportunity of laying a substantial foundation for complete geological education. The student is led to generalize and inquire after uniform antecedents which science denominates causes. Special attention is given to structure and location of useful minerals, phenomena of drift, metamorphism, general bearing of paleontology upon evolution, and methods of modern geological investigation. Students are required to keep systematic record of labaratory work and to make frequent excursions into adjacent country for structure and classification. The department is well supplied with accessories for illustrating the subject, and a choice collection has been formed for practical work in laboratory.

1.—GEOLOGY. Recitations from Le Conte's *Elements of Geology*, lectures on special subjects, study of fossils, excursion into adjacent country.

Three hours. Fall Term.

2.—GEOLOGY. Recitations from text, phenomena of drift, study of theories and modern methods, supplemented by lectures.

Three hours. Winter Term.

3.—DETERMINATIVE MINERALOGY. Laboratory work for the determination of the physical and blowpipe characters of minerals.

Three hours. Spring Term.

Courses 1, 2 and 3 are required in the Scientific Course and elective in the Classical Course.

IV.—PHYSICS.

It is the aim of the instruction in the Physical Sciences to give the student a broad grasp of the principles and an acquaintance with the methods of modern investigation. It is intended to offer a course of high disciplinary value and adequate to the needs of a practical age. In addition to the general course an elementary course is required in the Senior year of the Academy, and prescribed for admission to the collegiate classes. The Physical Department occupies a well-equipped room on second floor of the College building, with sufficient apparatus to offer a good course in laboratory work.

1.—MECHANICS AND HEAT. Physical qualities and quantitative measurements, motion, work, energy, mechanics, solids and liquids, thermometry, calorimetry, thermodynamics, etc.

Two hours (Rec). Two hours (Lab). Fall Term.

2.—SOUND AND LIGHT. Wave theory, synthesis and analysis of sound, theory of music, optical instruments, propagation of light, color, absorption and polarization, etc.

Two hours (Rec.) and two hours (Lab). Winter Term.

3.—ELECTRICITY. Electrostatics, magnetism, the current, galvanometry, induction units and thermal relations, etc.

Two hours (Rec.) and two hours (Lab). Spring Term.

Courses 1, 2 and 3 are prescribed for Juniors in Scientific Course.

THE GERMAN LANGUAGE AND LITERATURE.

PROFESSOR OSTERHOLM.

The object of the instruction in this department is primarily to lead the student to a good reading knowledge of the German language; to develop in him an accurate and critical appreciation of its literature, and, as far as classroom instruction will permit, afford him opportunity and facility for composition and conversation.

Special attention is given to sentence structure and idiomatic expressions throughout the course; this is especially the case the last two years.

I.—FIRST YEAR.

1.—FIRST TERM. *Grammar:* Joynes-Meissner, or Thomas: Part I.; prose composition.

2.—SECOND TERM. *Grammar*: Part I reviewed; Super's *Reader*; grammatical drill; prose composition.

3.—THIRD TERM. Reader finished; von Hillern's *Hoeher als die Kirche*; Storm's *Immensee*; Leander's *Traemereien.* Word analysis, grammatical drill.

This work is required for Scientific Course. Four hours a week.

II.—SECOND YEAR.

1.—FIRST TERM. Keller's *Kleider machen Leute*; Schiller's *Lied von der Glocke*; Auerbach's *Brigitta.* Review of grammar.

2.—SECOND TERM. *Die Jungfrau von Orleans* (Schiller); Study of Syntax with prose composition; colloquia exercises, and writing from dictation.

3.—THIRD TERM. Lessing's *Minna von Barnhelm*; Goethe's *Hermann und Dorothea*; colloquial and written exercises.

This work is required for Scientific Course. Four hours a week.

III.—THIRD YEAR.

1.—FIRST TERM. Schiller's life and works. Schiller's *Thirty Years' War* or *Maria Stuart* or Freytag's *Die Verlorene Handschrift.* Writing from dictation; oral and written work based on text read.

2.—SECOND TERM. Goethe's life and works. Goethe's *Faust*, Part I., or *Iphigenie*; oral and written work based on the text.

3.—THIRD TERM. Lessing's life and works. Lessing's *Emilia Galotti*; German Lyrics and Ballads. Oral and written work based on the text.

Three hours a week. Elective for Scientific Course.

IV.—FOURTH YEAR.

1.—FIRST TERM. History of German Literature. Rapid reading of recent authors.

2.—SECOND TERM. Rapid reading of recent authors illustrating German life.

3.—THIRD TERM. Rapid reading of recent authors. Oral and written work based on texts throughout the year.

Elective. Two hours a week.

BIBLICAL HISTORY AND CRITICISM.

PRESIDENT SIGMUND.

The aim of this department is to acquaint the student with the leading facts of Hebrew and Jewish history in Old Testament and New Testament times, and of Christian history during the Apostolic age. Elective courses are also offered in the New Testament Greek and in Hebrew, corresponding to the exegetical study of the theological seminary during the first year, designed for such persons as may wish to anticipate their later professional studies or to read the Scriptures in the original. The course in Evidences is intended to assist in the establishment of a living faith in the Gospel upon the foundation laid in the historical study of the Bible and in philosophy, in harmony with the purpose of Christian education.

1.—THE GEOGRAPHY OF PALESTINE. This course is introductory and is intended to familiarize the student with the scenes and conditions of Biblical history. Once a week through the first term. Required of all Freshmen.

2.—THE HISTORY OF NEW TESTAMENT TIMES IN PALESTINE.

Beginning with a sketch of the Jews under the Selucidae, this course embraces events during the period of the Maccabees and of the Roman occupation until the destruction of Jerusalem, A. D. 70. Once a week through the second and third terms. Required of all Freshmen.

3.—THE HISTORY OF THE HEBREW PEOPLE. This course extends from the call of Abraham to the close of the period of Persian domination. Once a week throughout the year. Required of all Sophomores.

4.—THE LIFE OF JESUS CHRIST. An outline study based on a harmony of the four Gospels. Once a week through the first half-year. Required of all Juniors.

5.—THE HISTORY OF THE APOSTOLIC AGE. An outline of Christian history from the founding of the Church to the end of the first century. Once a week through the second half-year. Re-required of all Juniors.

6.—THE EVIDENCES OF CHRISTIANITY. A course in Natural Theology and Christian Apologetics. Twice a week through the second half-year. Required of all Seniors.

7.—NEW TESTAMENT GREEK. The Gospel according to St. Mark and the Acts of the Apostles in the original. Twice a week through the year. Elective for Juniors and Seniors.

8.—HEBREW. This course is designed to furnish the elements of Hebrew grammar and syntax, with readings in Genesis, Exodus and first and second Samuel. Three times a week throughout the year. Elective for Seniors. Not offered for 1901-2.

THE ROMANCE LANGUAGES AND LITERATURES.

PROFESSOR OSTERHOLM.

The main object of the instruction in this department is to impart to the student the ability to read and the capacity to appreciate critically modern and classical French. This will give him the key to a broadened culture and to a more intimate acquaintance with French literature.

In addition to the general aim already indicated, the courses also provide for extended literary study in French; for practical drill (especially the last year) in writing and speaking French, and also for the study of Italian and Spanish, offered alternate years.

I.—FRENCH.

FIRST YEAR.

FIRST TERM. Beginning French; Edgren's *Grammar*, Part I. and irr. Verbs, Part II.; Muzzarelli, Part I. begun.

SECOND TERM. Grammar continued; Super's *Reader*; composition.

THIRD TERM. Grammar continued; selections from such works as Verne's *Le Tour du monde en quatre-vingts jours; L'Abbe Constantin, De Vigny's Le Cachet Rouge;* Alphonse Daudet's *LaBelle-Nivernaise;* sight reading.

This work is required for the Scientific Course. Four hours a week.

SECOND YEAR.

FIRST TERM. Grammar; Syntax; Erckmann-Chatrian's *Le Conscrit;* Victor Hugo's *Quatre-vingt treize;* About's *Le Roi des Montagnes*; sight reading.

SECOND TERM. Grammar continued; Sand's *La Mare au diable*: Dumas's *Les Trois Mousquetaires*; Fortier's *Sept Grands Auteurs de XIX Siecle*; sight reading.

THIRD TERM. Bowen's *French Lyrics*; Victor Hugo's *Ernani*; Racine's *Athalie*; Molere's *L'Avare*; Cornelle's *Le Cid*; sight reading.

This work required for Scientific Course. Three hours a week.

THIRD YEAR.

FIRST TERM. French Writing and Speaking; Translating into French; Reading of Brunetiere, Taine, Bourget, Lemaitre, Hugo and Lamartine.

SECOND TERM. Above work continued.

THIRD TERM: Above work continued with conversation on topics studied.

Three hours a week. Elective.

II.—ITALIAN.

Italian will be offered alternate years with Spanish. The principal object of this course will be to enable the student to read any ordinary historical or scientific prose.

FIRST TERM. Grandgent's or Edgren's Italian Grammar will be used. Reader.

SECOND TERM. Reader continued, and selections from easy prose.

THIRD TERM. Much easy prose and four cantos of Dante's Divina Commedia.

Prose composition through the year. Two hours a week. Elective.

III.—SPANISH.

There is a growing interest in this country for the Spanish language, due principally to the close relations of the United States after the war to many of the Spanish speaking people. To meet this popular demand, Spanish will be offered alternate years with Italian.

FIRST TERM. Edgren's Spanish Grammar; Matzke's Spanish Reader.

SECOND TERM. Matzke's Spanish Reader.

THIRD TERM. Modern selections.

Prose composition throughout the year. Two hours a week. Elective.

SYNOPSIS OF COURSES OF STUDY.

FRESHMAN YEAR.

CLASSICAL COURSE.		SCIENTIFIC COURSE.	
Bible	1	Bible	1
English	2	English	2
Mathematics	4	Mathematics	4
History	2	History	2
Latin	4	Latin	4
Greek	4	Science	4

SOPHOMORE YEAR.

CLASSICAL COURSE.		SCIENTIFIC COURSE.	
Bible	1	Bible	1
English	3	English	3
History	2	History	2
Science	4	Science	4
Latin	4	Mathematics	4
Greek	4	German	4
Advanced Physiology (3d term)	2	*Advanced Physiology* (3d term)	2

JUNIOR YEAR.

CLASSICAL COURSE.		SCIENTIFIC COURSE.	
Bible	1	Bible	1
English	2		
Psychology	2	Psychology	2
History	2		
Logic (½ yr.)	2	Logic (½ yr.)	2
Philosophy (½ yr.)	2	Philosophy (½ yr.)	2
Latin	2	German	4
Greek	2	French	4
N. T. Greek	2	Science	3
German	4	*Latin*	4
French	4	*English*	2
Mathematics	4	*History*	2
Science	3		

SENIOR YEAR.

CLASSICAL COURSE.		SCIENTIFIC COURSE.	
English	2	English	2
Economics (1 term)	3	Economics (1 term)	3
Political Science (1 term)	3	Political Science (1 term)	3
Sociology (1 term)	3	Sociology (1 term)	3
History of Philosophy	2	History of Philosophy	2
Ethics (½ year)	2	Ethics (½ year)	
Apologetics (½ year)	2	Apologetics (½ year)	2
Latin	2	Geology (2 terms)	3
Greek	2	Mineralogy (one term)	3
Hebrew	3	*German*	3
German	3	*French*	3
French	4	*Italian*	3
Italian	3	*Spanish*	3
Spanish	3	*Hebrew*	3
Astronomy (½ yr.)	2	*Astronomy* (½ yr.)	2
Geology (2 terms)	3	*American Constitutional History*	2
Mineralogy (1 term)	3	*English Institutional History*	2
American Constitutional History	2		
English Institutional History	2		

Elective studies indicated by *italics;* all other studies are required.

THE COLLEGE LIBRARY.

ROBERT JOHN PETERS, LIBRARIAN.

The Library contains nearly five thousand volumes and many valuable pamphlets, covering the fields of history, literature, science, and philosophy. During the past year considerable money has been raised for the introduction of the Dewey system of library classification, whereby all these volumes and pamphlets will be classified according to subjects, and consultation will be made as convenient as possible.

The Library is primarily designed as a literary laboratory for individual study and private research. Here students may investigate the various subjects assigned to them in the several departments of

the College, or may privately study subjects in which they may be interested.

The Library is open, under the supervision of proctors, every school day from 8 a. m. to 5 p. m.

Within the past year many valuable gifts in the form of books, manuscripts, and money have been given to the Library by friends and patrons of the College.

Special mention must be made of the contribution of books by the Rev. J. K. Reed, Oregon, Ill., and Mrs. Peter Ewald, Lyons, N. Y.

On the reading tables may be found the leading literary, scientific, religious, and college papers and magazines of the day. Below is inserted the list of periodical literature to be taken by the Library:

Atlantic Monthly,
Harper's Magazine,
Century Magazine,
Scribner's Magazine,
North American Review,
Forum,
Popular Science Monthly,
Review of Reviews,
Literary Digest,
Public Opinion,
Educational Review,
School Review,
Homiletic Review,
Missionary Review of the World,
Carthage Gazette,
Carthage Democrat,
Carthage Republican,
Hancock County Journal,
Lutherische Zions-Bote,
Kirchen Freund,
U. S. Patent Office Gazette,
The Congressional Record,
American Journal of Education,
Bulletin of the American Republics.
Harper's Weekly,
Scientific American,
Scientific American Supplem't,
Lutheran Observer,
Lutheran World,
The Lutheran,
Lutheran Standard,
Our Church Paper,
The Presbyterian,
The Independent,
The Outlook,
Hamilton Press,
La Harpe Quill,
Our Dumb Animals,
The American Protectionist,
Book Review,
Bowen Chronicle,
Farm Journal,
Lutheran Evangelist,
Augustana Journal,
Luther League Review,
Germania.
Lutheran Quarterly,

THE ACADEMY.

The Academic Department is designed for those preparing for College. It is intended also to meet the wants of those who have not the time or means to take a regular course, and yet desire the training of a first class Academy. The courses herein offered are in a sense complete, affording training in the Ancient Languages, Mathematics, the Natural Sciences, the English Language and Literature, as well as in the Common School branches. It is of the highest importance that the work preparatory for entering College should be carefully and accurately done. For the most part the work of the Academy is done by regular College Professors. This department comprises two courses, viz: The Classical and Scientific, preparing respectively for entrance into the Classical and Scientific Courses of the College.

The work of the first year, consisting of the common school subjects, is the same in each of the courses. Those completing in a satisfactory manner any of the prescribed courses will receive diplomas, and will be admitted into the corresponding courses of the College Department without examination.

The work in the Latin Language represents three years' time. The work in Greek represents two years' time. Those who have advanced sufficiently in Mathematics, English, and the Sciences to enter College or the Senior Academic year, but are deficient in the Latin or Greek, or both, will here find special arrangements *by increasing the number of recitations a week* for their rapid advancement in these studies.

Candidates for admission must give satisfactory evidences of a good moral character, and must exhibit the necessary proficiency in Spelling, Reading, and in the rudiments of Arithmetic, Grammar, and Geography. Students deficient in spelling will be required to take this branch, whatever may be their grade of work in other branches.

As a rule, eighteen recitations a week are all that a student will be allowed to take. But in case some of the work is review for the student and he shows the ability to accomplish successfully more than the usual assignment and thus to prepare himself earlier for the Freshman Class, he will be allowed to take as much work as is consistent with thoroughness.

COURSES OF STUDY.

FIRST YEAR.		SECOND YEAR.	
Arithmetic	5	Beginning Latin	5
English Grammar	5	English Composition and Entrance Requirements	5
U. S. History	3	Civil Government	2
Orthography	2	General History	3
Penmanship	2		
Geography, 2d and 3d terms	3		

THIRD YEAR.

CLASSICAL COURSE.		SCIENTIFIC COURSE.	
Latin: Cæsar and Prose	5	Latin: Cæsar and Prose	5
Beginning Greek	5	Zoology, 1st term	3
Elementary Algebra		Elementary Algebra	5
		Physiology, 2d term	3
		Botany, 3d term	3
Elementary Rhetoric and Entrance Requirements	3	Elementary Rhetoric and Entrance Requirements	3

FOURTH YEAR.

CLASSICAL COURSE.		SCIENTIFIC COURSE.	
Latin: Cicero and Prose, 1st term	5	Latin: Cicero and Prose, 1st term	5
Vergil and Prose, 2d & 3d terms	5	Vergil and Prose, 2d & 3d terms	5
Greek: Anabasis	4	Greek and Roman History	2
Geometry	5	Geometry	5
Physical Geography, 1st term	4	Physical Geography, 1st term	4
Physics, 2d and 3d terms	4	Physics, 2d and 3d terms	4

For 1901 the Entrance Requirements in English will be:

1.—FOR CAREFUL STUDY: Shakespeare's *Macbeth;* Milton's *L'Allegro, Il Penseroso, Comus. and Lycidas*; Burke's *Speech on Conciliation with America*; Macaulay's *Essay on Addison* and *Essay on Milton.*

2.—FOR GENERAL READING. George Eliot's *Silas Marner*; Pope's *Translation of the Iliad*, Books *I., VI., XXII., XXIV.*; *Sir Roger de Coverley's Papers* from *The Spectator*; Goldsmith's *The Vicar of Wakefield*; Scott's *Ivanhoe*; Shakespeare's *The Merchant of Venice*; Cooper's *The Last of the Mohicans*; Tennyson's *The Princess*; Coleridge's *The Ancient Mariner*; Lowell's *The Vision of Sir Launfal.*

NORMAL DEPARTMENT.

PROFESSOR NEWCOMER, PRINCIPAL.

This department has been created for teachers and those intending to teach. The following Course of Study includes, in addition to the so-called common branches, the subjects usually taught in our high schools. The work of the first year is intended to meet all the demands of the County Superintendent of Schools for second grade certificate; the work of the second year, with the exception of physics, zoology, and botany, for first grade certificate; the work of the third and fourth years prepares for state certificate.

Students who cannot spend the four years necessary for the completion of the entire course may arrange personally for special work. A moderate degree of freedom in the substitution of studies from one year to another will be given, provided always that the student gives positive evidence of his fitness to enter upon the branches contemplated. To any student completing the course of study as herein outlined will be given a diploma of graduation.

Our students have a decided advantage over those who attend schools which afford only a normal course. Besides our normal course, which is second to none, students may select from the regular college course whatever studies they may desire, provided their qualifications are such that the studies may be pursued with profit. This gives the student the advantage of an elective course in addition to the one prescribed. The following tables indicate the subjects offered in this department, the texts used, and the hours per week devoted to each:

COURSE OF STUDY—NORMAL DEPARTMENT.

FIRST YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week.*
Arithmetic	Milne	5
English Grammar	Whitney & Lockwood	5
U. S. History	McMaster	3
Penmanship	Peirce	2
Orthography	Irish	2

WINTER TERM.

Arithmetic	Milne	5
English Grammar	Whitney & Lockwood	5
U. S. History	McMaster	3
Geography	Natural	3
Physiology	Blaisdell	3
Pedagogy	Roark	2

SPRING TERM.

Arithmetic	White or Ray	5
Exercises in English	Buehler	5
U. S. History	McMaster	3
Geography	Natural	3
Pedagogy	Roark	3

SECOND YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week.*
Algebra	Fisher & Schwatt	5
Bookkeeping	Williams & Rogers	2
Latin	Collar & Daniell	5
English	Whitney	2
English Composition	Keeler & Davis	2

WINTER TERM.

Algebra	Fisher & Schwatt	5
English	Whitney	2
Latin	Collar & Daniell	5
Elementary Psychology	Halleck	3
English Composition	Keeler & Davis	2
Civil Government	Fiske	3

SPRING TERM.

Algebra	Fisher & Schwatt	5
English	Whitney	2
Latin	Collar & Daniell	5
School Organization	Selected	2
English Composi'ion	Keeler & Davis	2

THIRD YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week*
Geometry	Phillips & Fisher	5
General History	Myers	3
English Literature	Smith	2
Cæsar and Prose	Allen & Greenough	5
Zoology	Packard	3
Greek (Elective)	White	5

WINTER TERM.

Geometry	Phillips & Fisher	5
General History	Myers	3
English Literature	Smith	2
Applied Psychology	Roark	2
Cæsar and Prose	Allen & Greenough	5
Greek (Elective)	White	5

SPRING TERM.

Geometry	Phillips & Fisher	5
General History	Myers	3
English Literature	Smith	2
Cæsar and Prose	Allen & Greenough	5
Botany	Gray	3
Greek (Elective)	White	5

FOURTH YEAR.

FALL TERM.

Subject.	*Text.*	*Hours per week.*
Advanced Algebra	Wells	4
English	Herrick & Damon	3
Physical Geography	Tarr	4
Cicero and Prose	Allen & Greenough	4
History of Education	Quick	2
Anabasis (Elective)	Goodwin	5

WINTER TERM.

Advanced Algebra	Wells	4
English	Herrick & Damon	4
Physics	Carhart & Chute	3
Vergil	Greenough	4
Philosophy of Education	Tompkins	2
Anabasis (Elective)	Goodwin	5

SPRING TERM.

Trigonometry	Phillips & Strong	4
English	Herrick & Damon	3
Physics	Carhart & Chute	4
Vergil	Greenough	4
Anabasis (Elective)	Goodwin	5

SUMMER NORMAL TERM.

For the benefit of those teachers who desire to spend part of their vacation in reviewing, and for the benefit of those preparing for examination, the Normal Department holds a summer session. The session for the summer of 1901 will begin June 3 and continue six weeks.

Thorough instruction will be given in all the branches required for both first and second grade certificates. In addition to these, other advanced branches will be offered.

We urge the students to attend, if possible, the entire session. This is requisite, owing to the rapidity of the review and the necessity of covering the ground but once. An opportunity will also be given to any who may be deficient in some study and may wish to make it up in order to enter College.

Those who have passed the Central Examinations may wit profit pursue their work in this School.

The commodious and finely equipped building, the large grounds and beautiful, shady park make Carthage an ideal place for the school and an enticing spot to spend a few weeks in summer.

Considerable attention will be given to exercise for health and personal enjoyment. All modern outdoor sports will be offered and directed by Prof. Larrick. Clubs will be formed for base ball, track events, tennis, golf, etc. A contest will be held near the close of the term.

The instructors for the Summer Normal are Profs. C. B. Newcomer, W. W. Troup, W. B. Larrick. They all have had experience not only in college, but also in public school work, and are well aware of the needs of the teacher.

Practical talks on the subject of education will be delivered to the school by Supt. Califf. For the benefit of those teachers who attend the summer session, a mid-summer examination for teachers' certificates will be held at the close of the school, July 12 and 13.

Every effort is being made to help teachers and students into higher work, both in common branches and in other subjects especially helpful to the wide awake teacher. Professionally and socially, this school will open the way to teachers to higher usefulness in their chosen field.

Good board and room can be secured for $2.50 to $3.00 a week.

The tuition will be $1.00 a week for four weeks or more, and $1.50 a week for less than four weeks, and will be payable in advance. Correspondence is solicited.

For information relating to the summer school, address

C. B. NEWCOMER, Prin. Normal Dept., Carthage College.

COMMERCIAL DEPARTMENT.

This department has been organized for the benefit of those who wish to take a course qualifying them directly for business pursuits. The work contemplates the mastery of all those studies which are of immediate and practical value in commercial life. The department is so arranged as to afford the student the best opportunities for pursuing such studies at much below the usual cost. Students can enter these classes at any time, and will be advanced as rapidly as their progress will justify. The course covers two years, but those prepared to take advanced standing will be allowed to do so at their entrance. Special rooms are assigned to the students of this department, where they have the assistance and oversight of the instructor during regular school hours. He arranges the recitations according to the needs and convenience of the student, and the necessities of the work.

Students in the Commercial Department have the privilege of taking any studies in the Collegiate or Academic Departments which they may be prepared to pursue with profit.

COURSE OF STUDY.

FIRST YEAR:

FIRST TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; United States History; Civil Government.

SECOND TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; United States History; Geography.

THIRD TERM: Arithmetic; English Grammar; Penmanship; Reading and Orthography; United States History; Geography.

SECOND YEAR.

FIRST TERM: Bookkeeping; Business Forms; Arithmetic; Com-

mercial Law; Business Writing; Business Orthography; Penmanship.

SECOND TERM: Bookkeeping; Business Forms; Arithmetic; Commercial Law; Business Writing; Business Orthography; Penmanship.

THIRD TERM: Bookkeeping; Banking; Arithmetic; Business Orthography; Actual Business Practice; Penmanship.

The work in the Business Practice will require of the student application of the principles which he has learned to actual business transactions. Ample facilities will be afforded the student to become thoroughly familiar with business methods and habits.

SHORTHAND AND TYPEWRITING.

Facilities are afforded for those who desire to take courses in Shorthand and Typewriting.

TYPEWRITING: Course of ten lessons, one hour each, $4.00; single lessons, each 40 cents.

SHORTHAND: Course of twenty lessons, one hour each, $8.00; single lessons, each 50 cents.

Use of typewriter, one hour per day, per month, $2.00.

MUSICAL DEPARTMENT.

PIANO FORTE.

MISS MANIER.

In the study of this instrument special attention is paid to developing a pure touch and correct phrasing. A complete course will be given to those who desire to become proficient in Piano Forte playing. Students are required to play in the class rehearsals and public recitals. No definite time can be fixed for completing the course of study, for some will make twice the progress of others. The regular course will include knowledge of Thorough-base and Harmony.

FIRST GRADE: Burgmueller, Op. 100, Litolff edition; Streabbog, Op. 63, Presser edition; Plaidy's Technical Studies; selections from

the following works: Kœhler's Op. 50, Czerny's Op. 139, Lœschorn, Duvernoy's Op. 120; Sonatinas and Pieces by Clementi, Reinecke, Schumann, Lichner.

SECOND GRADE: Selections, Daily Technique; Czerny's Velocity Studies, Op. 299; Heller's Phrasing Studies; Bach's Easier Inventions and Preludes; Chopin Waltzes, Mendelssohn's Songs Without Words. Pieces selected from standard authors.

THIRD GRADE: Selections, Daily Technique; Cramer; Berger's Etudes; Bach's "Well-tempered Clavichord;" Czerny's Classic School No. 1; Sonatas of Mozart, Beethoven, Schubert; Concert Selections from Weber, Mowskowski, Raff, Chopin, Mason, and Thalberg.

A thorough course will also be furnished for organ and violin.

VOCAL CULTURE.

MISS DAVIDSON.

The course of study in this department includes instruction in position and breathing; exercise in tone production; advanced exercises for the flexibility and strengthening of the voice; exercises in the singing of vowels to insure distinct enunciation; the study of ballads by the best composers; arias and other selections from oratorios and operas. It is intended that pupils should attain not only a technical skill in the use of the voice, but that they should acquire also true musical feeling and expression, enabling them to pass beyond the bounds of mechanical singing into the realm of artistic achievement. Terms, $1.00 per hour. Half hour lessons are given as being less wearisome, two or more half hour lessons being given each week.

SIGHT SINGING.

The ability to read music at sight is a necessary part of a thorough musical education. It is indispensable for those who wish to take up vocal culture, or do efficient choir or chorus work. Terms: Individual lessons, 50 cents per hour; classes of not less than ten, two dollars per term of twenty lessons.

CHORUS WORK.

Training in choir or chorus work given at reasonable rates.

STUDENTS.

COLLEGE.

SENIOR CLASS.

NAME.	COURSE.	RESIDENCE.
Cherrill, Lucy S.	S.	Carthage
Helfrich, Ida J.	L.	Carthage
Jones, Harold Lee	S.	Washington
Lane, Bertha	S.	Carthage
Utesch, John H.	Irr.	Yutan, Neb.

JUNIOR CLASS.

Crotzer, Mary E.	S.	Lena
Cutler, Clyde	S.	Carthage
Fonken, George H.	C.	Forreston
Loeffler, Mae E.	Irr.	Chicago
Matthis, Ben L.	C.	Pearl City
Mayor, Elizabeth T.	C.	Carthage
McCully, Harriet	C.	Carthage
Noyes, Helen	S.	Carthage
Ruthrauff, William M.	S.	Springfield, O

SOPHOMORE CLASS.

Brinkman, Harry A.	S.	Warsaw
Culkin, John, Jr.	C.	Carthage
Ferris, Helen	S.	Carthage
Gould, John H.	S.	St. Marys
Krape, Katherine	Irr.	Lena
McAnulty, Ethel Electa	S.	Carthage
McCallister, John H.	C.	Bentley
McCully, William	S.	Carthage
McMahan, Merle	S.	Carthage
Proctor, Margaret	C.	Carthage
Ruthrauff, Nellie	S.	Springfield, O
Sholl, Roxana L.	C.	Carthage

Steenks, Leonard J.	C.	Springfield
Walter, George Earl	C.	Fairview
Webb, Blanche	S.	Nauvoo
White, Minnie E.	S.	Carthage

FRESHMAN CLASS.

Baird, Flo	Irr.	Leando, Ia
Crotzer, Adah	S.	Lena
Cutler, Carolyn	S.	Carthage
Davis, Harriet R.	S.	Carthage
Dunaway, Lewis A.	C.	Monroe, Wis
Finkenbinder, Elmer	S.	Kent
Hazen, Zella	S.	Hamilton
Helfrich, Leo L.	S.	Carthage
Helfrich, Mabel A.	Irr.	Carthage
Hubbell, Clara	C.	Carthage
Hudson, George	S.	Nauvoo
Johnson, Clyde	S.	St. Marys
Markle, Holly	S.	Carthage
Mason, Alfred	Irr.	Roland, Ia
Mason, Paul	S.	Carthage
McCollom, Carrie M.	S.	Carthage
Shippert, John P.	C.	Nachusa
Shultz, Florence	S.	Shipman

NOTE.—Courses indicated as follows: Classical, C; Scientific, S; Literary, L; Irregular, Irr.

ACADEMY.

SENIOR CLASS.

Helfrich, Guy J.	Carthage
McCully, Clinton	Carthage
Rhea, Jesse	Colusa
Rosenstengel, Marie	Carthage
Scott, William	Ferris
Williams, O. W., Jr	Ft. Stockton, Tex

MIDDLE CLASS.

Barr, Tressler	Ft. Green
Boswell, James	Carthage
Brandt, David	Eleroy
Schmuck, Charles	Peoria
Webb, William	Nauvoo
Williams, Ermine	Ft. Stockton, Tex.
White, George R.	Carthage

JUNIOR CLASS.

Casburn, A. Leslie	Ferris
Cherrill, Arch	Carthage
Helms, Clay	Carthage
Hughes, William	Carthage
Johnson, Claude	Keokuk, Iowa
Kingsley, Hugh	Carthage
Springer, Lloyd E.	Carthage
Palmer, Levering	Carthage
Ranck, Dilla	Adrian
Vogt, Harry	Davenport, Iowa
Wilson, Shirley H.	Carthage

FIRST YEAR ACADEMIC AND NORMAL STUDENTS.

Atkins, Fred	Ferris
Califf, Charles	Carthage
Cox, Ellis E.	Elvaston
Edwards, Frank R.	Ferris
Felgar, Stanley W.	West Point
Griffiths, Myrtle	Colusa
Johnson, Laura	Ferris
Kauffman, Lizzie	Nauvoo
Lane, Leon	Carthage
Longlett, Lottie E.	Columbus
McCallister, May	Bentley
Mix, Sarah E.	Oregon
Stevenson, Carrie	Adrian
Wilson, Laura	Niota

MUSIC DEPARTMENT.

Aiken, Miss	Adrian
Atkins, Mertie	Ferris
Baird, Flo	Leando, Iowa
Bolles, Della	Denver
Bolles, Litta	Denver
Byington, Nellie	Carthage
Carroll, Miss	Carthage
Cherrill, Lucy Sholl	Carthage
Culkin, Nellie	Carthage
Edmunds, Gertrude	Carthage
Ferris, Adelaide	Carthage
Ferris, Dorothy	Cartaage
Ferris, Ellen	Carthage
Geiger, Gertrude	Carthage
Geiger, Helen	Carthage
Geiger, Marguerite	Carthage
Geiger, Miriam	Carthage
Gumble, Miss	West Point
Harper, Pearl	Carthage
Hazen, Eva	Hamilton
Helfrich, Noel	Carthage
Manier, Alice	Basco
McCall, Bertha	Ferris
Newcomer, Mrs. Mary L.	Carthage
Ogilvie, Beulah	Carthage
O'Harra, Gladys	Carthage
Pence, Julia	Carthage
Rand, Erma	Carthage
Rand, Grace	Carthage
Rand, Lucile	Carthage
Rosenstengel, Marie	Carthage
Smith, Orpha	Colusa
Singleton, Nellie	Adrian
Stoner, Mabel	Bunside
Salisbury, Florence	Carthage

Timberlake, Mrs.	Bentley
Todd, Bertha	Carthage
Williams, Mrs. J. W.	Carthage

SUMMARY.

COLLEGIATE DEPARTMENT:			
	Seniors	5	
	Juniors	9	
	Sophomores	16	
	Freshmen	18	48
ACADEMIC DEPARTMENT:			
	Seniors	6	
	Middlers	7	
	Juniors	11	
	First Year	14	38
NORMAL DEPARTMENT:			14
MUSIC DEPARTMENT:			38
	Total		138
Names Repeated and Private Pupils not registered			52
COLLEGE ROLL:			86

ALUMNI.

‡OFFICERS OF THE ASSOCIATION.

PRESIDENT	DR. R. L. CASBURN, '80
FIRST VICE-PRESIDENT	MARY C. NOYES, '97
SECOND VICE PRESIDENT	LEONA M. MCANULTY, '96
THIRD VICE PRESIDENT	MARY TRESSLER NEWCOMER, '87
SECRETARY	JULIA FERRIS HUBBS, '84
TREASURER	S. H. FERRIS, '82
BIOGRAPHER	P. E. MASON, '94
ORATOR	REV. ALBERT F. ERNST, '88
EDITOR	H. S. SALISBURY, '99

1875

Ida Harris King, A. M.	Prescott, Iowa
Maggie Taylor Bowers, A. M.	Boise City, Idaho
Kate Thummel Fisher, M. S.	Prairieville
James M. Cromer, A. M., minister	Kansas City, Mo

1876

*Hon. George A. Anderson, A. M.	
Charles L. Ferris, A. M. physician	Carthage
T. J. Scofield, A. M., attorney for Union Traction Co.	Chicago
Ina Elder, A. M., teacher	Carthage
Sophronia Nesbit, A. M., teacher	Atlanta, Ga
Hattie Scofield Cromer, A. M.	Kansas City, Mo
Rose Spitler Scofield, A. M.	Carthage
*Grace Cherrill, B S.	
Ben L Cress, M. S., civil engineer	Boulder, Col
J. M. Dempster Davidson, A. M., minister	Chicago
Oscar M. Easterday, M. S., farmer	Roca, Neb

*Deceased.

‡The Faculty and Officers of the Association desire to have the correct address of each graduate. It will be deemed a favor if the President of the institution and the Secretary of the Association be informed of errors and changes in address.

1877

Joseph C. Elder, M. S.	Carthage
J. Q. A. Kimmel, M. S., LL. B., attorney at law	Murphysboro
Judge A. A. Wolfersperger, M. S., attorney at law	Sterling
Laura A. Manier, A. M., teacher of instrumental music, Carthage College	Carthage
*George H. Albright, A. M.	
Rev. James E. Weir, A. M., college president	Del Norte, Col
J. J. Williams, A. M., attorney at law	Kansas City, Mo
*Addie Logan Ray, A. M.	
Julia Scofield McKemey, A. M.	Fairfield, Iowa
Jennie Fletcher, M. S., former missionary at Ponape	Carthage
Mary Hawley Findley, M. S.	Wichita, Kan
Emma Sample Freeman, M. S.	Red Bluff, Cal

1878

L. P. Cravens, A. M., superintendent of schools	Lake City, Minn
Charles S. DeHart, A. M., banker	Carthage
John F. Fair, A. M., physician	Freeport
Junius Colton Ferris, A. M., M. E., banker	Carthage
William G. Gettle, A. M., minister	Steinauer, Neb
E. Clark Hughes, A. M., attorney at law	Seattle, Wash
J. Frank Keefer, A. M., physician	Sterling
George W. Loop, A. M., farmer	Huntsville
Maggie Cravens, A. M.	Carthage
Emma J. Cromer Ladd, A. M.	Des Moines, Iowa
Charles M. McMillan, M. S., farmer	Denver
M. G. Rohrbaugh, M. S., teacher	Omaha, Neb

1879

*Peter Ewald, A. M.	
W. G. W. Geiger, A. M., attorney at law	Tipton, Iowa
Frank H. Helsell, A. M., circuit judge	Sioux Rapids, Iowa
Albert B. Shrader, A. M., minister	Nevada, Iowa
H. M. Swope, A. M., attorney at law	Quincy
Rev. Caroline Bartlett Crane, A. M.	Kalamazoo, Mich
*Flora Manier Geiger, A. M.	
Nellie Nesbit Hunn, A M.	Des Moines, Iowa

Wm. H. Weaver, M. S., physician	Chicago
Hon. Scott M. Ladd, M. S., LL. D., Judge of Supreme Court	Des Moines, Iowa
Fernando Sanford, M. S., Head Professor of Physics in Leland Stanford Jr. University	Palo Alto, Cal
Alice E. Crawford Sanford, M. S.	Palo, Alto, Cal
Hattie L. Tillapaugh Shrader, M. S.	Nevada. Iowa
Mary V. Thompson, M. S., teacher	Carthage

1880

Stephen K. Bittenbender, A. B.	
W. D. Henkle, A. B., journalist	Anna
Herman Juilfs, A. M., minister	White Oak, Ohio
Andrew S. Zimmerman, A. M., minister	Lansing, Mich
Emma DeHart Hughes, A. M.	Seattle, Wash
Frank M. Campbell, M. S., physician	Claflins, Kan
Robert L. Casburn, M. S., physician	Carthage
Joseph G. Gilchrist, M. S., civil engineer	Brook, Mo
Minnie Gilchrist Woods, M. S.	
M. Blanche Griffin McArthur, M. S.	Hamilton
M. Inez Robbins Bickford, M. S.	Plymouth

1881

Wm. F. Ebright, A. M., superintendent of schools	Platte, Neb
Jos. H. Miller, A. M., physician	Surprise, Neb
R. D. Zimbeck, A. M., physician	Montevideo, Minn
*Clifford C. Musser, A. B.	
Will O. Carleton, B. S., bookkeeper	Cambria, Wyoming
Frank C. Harris, B. S., traveling salesman	Chicago
Edgar F. Hurdle, B. S., farmer	Wheatland, Wyoming
Josiah Kuhn, B. S., minister	Chicago
*W. P. Overman, B. S.,	
John K. Reed, B. S., minister	Oregon
Walter Vanzile, B. S., farmer	Carthage
Adell Griffin Barnett, B. S.	Kansas City, Mo
Mary Overman Damrell, B. S.	Hastings, Neb

1882

Oscar E. Aleshire, A. M., insurance agent	Chicago

Stephen H. Ferris, A. M., banker	Carthage
A. C. T. Geiger, A. M., district judge	Oberlin, Kan
Frank Wertz, A. M., attorney at law	Forreston
George H. Schnur, A. M., minister	Chillicothe, Ohio
Kate Griffith Hill, A. M.	Carthage
*Francisca Hopp Geiger, A. M.	
*Wm. V. Weir, B. S., M. D.	
Florence J. Mereness Tressler, M. S.	Shelbyville, Ind
Susan Williams, M. S.	Carthage
David E. Mack, A. M., attorney at law	Carthage

1883

W. Henry Blancke, A. B., minister	Davenport, Iowa
Fannie M. Dryden, A. M., Convent of Sacred Heart	Albany, N. Y
Edwin S. Hoffman, A. B., minister	Hornellsville, N. Y
*Mamie Hooker Daoust, A. B.	
Adam Schafer, A. B., minister	Weston, Ohio
Henry A. Spielman, A. B., hardware merchant	Fairfield, Iowa
Jessie Williams, A. M., stenographer	Chicago
Lillie Zimmerman Schafer	Weston, Ohio
Noah Fritz, A. B., manufacturer	Onida, S. D
D. Alban Kistler, B. S., publisher	4328 Oakenwald street, Chicago
Alice Biery Miller, B. S.	Dixon

1884

Olive Hosford Fleck, A. B.	Sterling
Lura V. Thompson, A. M., national organizer C. W. B. M.	Carthage
Roberta Brewer Risse, B. S.	Carthage
Julia Ferris Hubbs, B. S.	Carthage
Mattie Gray, B. S.	Elderville

1885

Clara Browning Johnson, A. A.	Keokuk, Iowa
Minerva Holland, A B.	Carthage
*W. J. Martin, A. M.	
Ralph E. Scofield, A. B., attorney at law	Kansas City, Mo
A. L. Miller, B. S., physician	Dixon
J. E. Williams, A. B., merchant	La Harpe

1886

Edwin Bollman, A. B., minister	Davenport, Neb
Sarah L. Hyde Mensel, A. B.	Ann Arbor, Mich
C. B. Lindtwed, A. B., minister	Bridgewater, Nova Scotia
Elizabeth Nace Holtgreve, A. B.	Polo

1887

Paul B. Holtgreve, A. B., minister	Polo
John N. Hyde, A. B., missionary	Ferozepore, Punjab, India
Julia Kellogg Goldwater, A. B.,	Prescott, Ari
*Sallie Manier, A. B.	
Laura McColm Dysinger, A. B.	Logansport, Ind
Rev. E. H. Mensel, A. M., Ph. D., asst. professor of German, University of Michigan	Ann Arbor, Mich
Wm. H. Naffziger, A. B., minister	Smithville, Ohio
Mary Tressler Newcomer, A. B.	Carthage
Abbie Kuhl Rizer, B. S.	Canon City, Col

1888

Hugh M. Bannen, A. M., minister	Rockford
Albert F. Ernst, A M., minister	Galena
Fred W. Hawley, A. M., synodical missionary	Oklahoma City, O. T
Albert Miller, A. B., missionary	Paotingfee, China
Harry H. Whitten, A. B., physician	Peoria

1889

W. S. Dysinger, A. B., minister	Logansport, Ind
C. B. Newcomer, A. M. Prin. Normal Dept.	Carthage
Bess A. Tressler Maloney, A. B.	Polo

1890

Belle Bolton, B. S., teacher	Colfax, Iowa
J. L. Mishler, B. S , teacher	Colfax, Iowa
L. J. Motschman, A. B., minister	Ft. Wayne, Ind

1891

Cleophas C. O'Harra, Ph. D., professor of Geology, State School of Mines	Rapid City, S. Dak

1892

C. B. Bekemeyer, attorney at law	Mt. Pulaski
H. C. Funk, A. B , minister	Oregon
Mrs. Lillian Monk, B. L.	Nevada, Iowa
R. W. Saer, A. B., merchant	Carthage

1893

Mollie Marvel O'Harra, B. S.	Rapids City, S. Dak

1894

Will M. Beck, A. B., missionary	Muhlenberg, Liberia, Africa
Nellie Cherrill, B L.	Carthage
George C. Cromer, A. B., minister	Freeport
Maggie Delo, B. S., graduate student University of Kansas	Lawrence, Kans
Joseph Hegener, A. B., minister	Colorado Springs, Col
Herbert L. Jackson, A. M., attorney at law	Carthage
Penfield E. Mason, A. M., Edwards Headlight Co.	Chicago

1895

E. K. Cherrill, A. B., bank clerk	Carthage
T. Edwin Gill, B. S., merchant	Carthage
*J. Louis Nace, A. B.	
C. W. Ramsey, B. S., teacher	Dallas City
J. Kent Rizer, A. B., minister	Canon City, Col
Eddy Robbins, B. S., teacher, Carthage College	Carthage
Annie E. Sanford, A. B., missionary	Guntur, India
O. B. Turner, A. B., teacher	St. Marys

1896

Effie Cromer Nelson, B. S.	Hartington, Neb
M. Isabel Felgar Wilson, B. S.	Niota
Leona May McAnulty, B. S., teacher	Dallas City
John A. McCullouch, A. B., minister	Burlington, Iowa
Mattie H. Schlenker, B. L., teacher	Toledo, Ohio

1897

Matthew M. Anderson, B. L., law student	Hamilton
M. Golden Davidson, B. S., teacher	Carthage

Frederick W. Jasper, B. L., jeweler	Newton, Iowa
Alice L. Marvel, B. S.	Carthage
Mary C. Noyes, B. S., teacher	Carthage
Samuel B. Robbins, A. B., law student	Carthage

1898

Klaudius Knudton, A. B., theological student	Springfield, Ohio
Mabel Hope Martinis, B. L., clerk	Carthage
Charles J. Tressler, A. B., law student, University of Michigan	Ann Arbor, Mich

1899

Royal B. Brandon, B. S., law student	Fountain Green
Charles C. Carlton, B. S., law student, University of Michigan	Ann Arbor, Mich
John M. Herbst, A. B., theological student	Atchison, Kan
Theo. J. Jensen, A. B., (German Army)	Breklum, Germany
Alfred R. Kent, B. S., teacher, Hillside Home School	Hillside, Wis
Philena Marvel, B. L.	Carthage
Frederick W. Obert, B. S., medical student	Ernest, Mo
Herbert S. Salisbury, B. S., graduate student University of Illinois	Urbana
Morgan L. Webb, B. S., theological student	Springfield, Ohio

1900

Roy M. Badger, A. B , theological student	Atchison, Kan
James A. Baird, A. B , law student	Evanston
Maud B. Elder, B. L.	Hamilton
H. G. Ferris, B. S , medical student, Rush Medical College	Chicago
Samuel Naylor, Jr , A. B., law student	Carthage
F. H. Ottman, A. B., teacher in High School	Newark, Ohio
Emily C. Pennock, B. S., teacher	Carthage
Tilden F. Phillips, B. S., teacher	Mt. Carroll
Bess J. Ringheim, B. S.	Nevada, Iowa
Ellen B. Schuff, A. B., missionary	Guntur, India
Anna L. Simmons, B. S., teacher in High School	Watertown, S. D
Charles E. Sparks, A. B., law student	West Point

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DENHART HALL FOR YOUNG LADIES.

The Thirtieth

Annual Catalogue

Carthage College

Carthage, Illinois

1901-1902

COLLEGE CALENDAR.

1901

September 5, Thurs. - - - - Fall term begins
November 8, Fri. Dedication of Denhart Hall. Addresses by Mayor M. P. Berry and President J. A. Clutz.
November 25, Mon. King Alfred Millenary by Brain and Brawn Society. Address by Hon. Chas. S. De Hart.
November 27, Wed. - - - - Fall term ends
November 28, Thurs. - - Thanksgiving day—Holiday
November 29, Fri. - - - Winter term begins
December 20, Fri. - - - Sophomore Entertainment
Recess from December 20, 1901, to January 7, 1902.

1902

March 5, Wed. - - - - Winter term ends
March 6, Thurs. - - - - Spring term begins
March 28, Fri. - - - - Good Friday—Holiday
May 23, Fri. - - - - Final examinations close
May 25, Sun. 2:30 p. m. Address before the Christian Associations
May 25, Sun. 8:00 p. m, - - - Baccalaureate Service
May 26, Mon. 8:00 p. m. Address before the Literary Societies
May 27, Tues. 9:00 a. m. Annual Meeting of the Board of Trustees
May 27, Tues. 2:30 p. m. Annual Meeting of the Alumni Association
May 27, Tues. 8:00 p. m. Address before the Alumni Association
May 28, Wed. 10:00 a. m. - Annual Meeting of Stockholders
May 28, Wed, 2:30 p. m. - - - Class Day Exercises
May 28, Wed. 8:00 p. m. - Junior Oratorical Entertainment
May 29, Thurs. 10:00 a. m. - Commencement Exercises
May 29, Thurs, 8:00 p. m. - - Commencement Concert
May 30, Fri. - - - - - - Memorial Day
June 2, Mon. - - - Summer Normal Term begins

July 11, Fri. Close of Summer Normal and Teachers' Examination
Recess from July 11 to September 3.
September 3, Wed. Registration of students and entrance examinations.
September 4, Thurs. - - - - Fall term begins
November 26, Wed. - - - - Fall term ends
November 27, Thurs. - - Thanksgiving day—Holiday
November 28, Fri. - - - - Winter term begins
Recess from December 23, 1902 to January 6, 1903.

1903

March 4, Wed. - - - - Winter term ends
March 5, Thurs. - - - - Spring term begins
April 10, Fri. - - - - Good Friday—Holiday
May 28, Thurs. - - - - - Commencement

26 Ap '02 Carthage Col.

BOARD OF TRUSTEES.

SYNOD OF NORTHERN ILLINOIS.

REV. HUGH M. BANNEN,	Rockford
REV. WILLIAM H. HARTMAN,	Forreston
MR. HENRY DENHART,	Washington
HON. A. A. KRAPE,	Lena

SYNOD OF IOWA.

REV. WILLIAM H. BLANCKE,	Davenport, Iowa
REV. ALBERT B. SHRADER,	Lawrence, Kansas
MR. ANDREW HANS,	Newton, Iowa

WARTBURG SYNOD.

REV. WILLIAM ROSENSTENGEL,	Pittsfield
REV. RUDOLPH G. LINKER,	Meredosia

SYNOD OF CENTRAL AND SOUTHERN ILLINOIS.

REV. J. MILTON FRANCIS,	Springfield
REV. EZRA KELLER,	Hillsboro
MR. FRANK S. SHULTZ,	Shipman
MR. WILLIAM H. FELGAR,	West Point

TRUSTEES FOR CARTHAGE, ILLINOIS.

HON. ORVILLE F. BERRY. HON. APOLLOS W. O'HARRA

DR. EDWARD M. ROBBINS.

TRUSTEE FOR THE ALUMNI ASSOCIATION.

HON. A. A. WOLFERSPERGER, Sterling

The Board was elected for two years at the annual meeting of the stockholders, May 30, 1900, upon nomination by the synods holding stock of the College.

OFFICERS AND COMMITTEES OF THE BOARD.

OFFICERS.

REV. H. M. BANNEN, - - - - - President
HON. A. A. KRAPE, - - - - Vice-President
REV. A. B. SHRADER, - - - - Secretary
MR. S. H. FERRIS, - - - - - Treasurer
HON. O. F. BERRY, - - - - - Attorney

EXECUTIVE COMMITTEE.

REVS. H. M. BANNEN, A. B. SHRADER, WILLIAM ROSENSTENGEL; MESSRS. O. F. BERRY, A. W. O'HARRA, E. M. ROBBINS.

COMMITTEE ON BUILDINGS AND GROUNDS.

DR. E. M. ROBBINS, HON. A. W. O'HARRA, MR. W. H. FELGAR.

FINANCE COMMITTEE.

MR. S. H. FERRIS, HON. O. F. BERRY, PRESIDENT SIGMUND.

AUDITING COMMITTEE.

HON. A. A. KRAPE, MR. DUANE PENNOCK, MR. REASON W. SAER.

FACULTY AND INSTRUCTORS.

REV. FREDERICK LESTER SIGMUND, A. M.,
President,
David L. Tressler Professor of Mental and Moral Philosophy.

WILLIAM W. TROUP, A. M.,
Vice-President,
Professor of Ancient Languages.

JOHN ABRAHAM SHOTT, A. M.,
Secretary of the Faculty,
Professor of the Natural Sciences.

MARTIN OSTERHOLM, A. M., PH. D.,
Professor of Modern Languages.

PETER FIELD, M. S.,
Professor of Mathematics and Astronomy.
(Absent on leave, at Cornell University.)

REV. WILLIAM KUHNS HILL, A. M.,
Librarian,
Professor of English and History, and Principal of the Academy.

CLEMENT E. ROOD, PH. M.,
Acting Professor of Mathematics and Astronomy.

CYRUS B. NEWCOMER, A. M.,
Professor and Principal of the Normal Department.

MISS EMMA J. BELL,
Assistant in the Academy.

*MISS ELIZABETH JONES,
(Graduate New England Conservatory of Music)
Vocal and Instrumental Music.

MISS EMMA P. VAN HOOSER,
(Graduate Alton Conservatory of Music)
Vocal and Instrumental Music.

MISS NELLE M. REABURN, B. L.,
Drawing, Water Color, Oil and Pastel.

*Resigned, on account of illness, Dec. 24, 1901.

MISS MARY A. HALEY,
Elocution and Physical Culture.

MISS MAUD E. GRAU,
Domestic Science.

MISS ANNA V. SEBREE,
(Secretary to the President,)
Stenography and Typewriting.

†CLINTON G. FOLTZ,
Book-keeping and Penmanship.

MRS. HELEN MASON,
Matron in Denhart Hall.

MRS. MARY L. NEWCOMER,
Treasurer Contingent Fund.

MR. BEN. L. MATTHIS,
Gymnasium.

SAMUEL P. CAMP,
Janitor.

SPECIAL LECTURERS.

PROFESSOR JOHN A. CALIFF, Superintendent of Schools,
- - - - *Practical Pedagogy*

HON. O. F. BERRY, - - - - - *Opportunities*
[Address at opening of the Fall Term.]

REV. J. A. CLUTZ, D. D., President of Midland College,
- - - - - *Why Educate Girls?*
[Address at the dedication of Denhart Hall.]

REV. E. P. SCHUELER, - - *The Education of a Man*
[Address at opening of the Winter Term.]

REV. J. D. SEVERINGHAUS, D. D., - *Germany in Life and History*

†Resigned, March 1, 1902.

CARTHAGE COLLEGE.

Foundation Carthage College was founded in 1870 by representative citizens of Carthage, Illinois, and special commissioners appointed for the purpose by the English Evangelical Lutheran Synods of Illinois and Iowa; under whose direction the first President, D. L. Tressler, Ph. D., was elected, and the main building was constructed and dedicated. The first class was graduated in 1875. After the death of President Tressler in 1880, the stock of the institution was transferred to the synods interested, and the college is now controlled by the Evangelical Lutheran Synods of Northern Illinois, of Central and Southern Illinois, of Iowa and the Wartburg Synod, by whom also the trustees are nominated. Upon the Board of Trustees, in addition to the representatives of these synods, there are three from the city of Carthage and one of the Alumni Association, all elected by the stockholders appointed by the synods. The institution is thus conducted under the auspices of the General Synod of the Evangelical Lutheran Church in the United States of America; and has been assisted financially for the last ten years by the Board of Education in the increase of the endowment fund and by direct contributions toward the current expenses.

Location Carthage is a pleasant inland town of nearly two thousand five hundred inhabitants, the county-seat of Hancock County, Illinois. It is a quiet, healthful and temperate community, which has not licensed the liquor traffic for the past thirty years; and is thus well adapted to academic and college life, being free from all the temptations common to large cities and from many that are frequently found in smaller towns. The citizens are intelligent and hospitable, deeply interested in the College and the students, to whom the homes are open constantly.

It is situated twelve miles east of Keokuk, Iowa, and midway between Burlington, Iowa, and Quincy, Illinois. Lines of the Chicago, Burlington & Quincy and the Wabash systems pass through the city, and the main line of the Toledo, Peoria and Western Railroad passes four miles to the north, connecting at Ferris for Carthage. *New Students*, upon writing to the President, can receive all needed information regarding the time of the arrival of trains.

Buildings and Grounds The campus comprises about eighteen acres of improved and timbered ground, situated in the northeast portion of the city about eight blocks from the public square, and slightly elevated above the rest of the town.

The Main Building This is a large brick structure of three stories and basement. It has been improved and beautified recently at an expense of several thousand dollars, is furnished with modern conveniences, and is in all respects both attractive and well adapted to the work of the institution. In addition to the large, well-lighted recitation rooms and laboratories, are to be found the college chapel, the Christian Association chapel, the library and reading-room, and the literary society halls.

Denhart Hall for Young Ladies This building, which is situated on the west side of the campus, was dedicated with appropriate ceremonies, November 8th, 1901. It is a beautiful, two-story brick cottage, with basement, capable of accommodating thirty students. It is heated by steam, is furnished with lavatories and baths and will be lighted by electricity. The dining-hall and the refectory are located in the basement, while a double parlor and music room add to its social attractiveness. Mrs. Helen Mason has shown rare skill in caring for the physical and spiritual needs of the students, and Miss Grau has proved herself an exceptionally capable manager of the culinary department. In all respects Denhart Hall has been found to be a beautiful and comfortable home for the young ladies.

The Gymnasium It is a frame building, twenty-five by seventy-two feet, with a wing for baths and dressing-room and has been equipped with all necessary apparatus for classes

and special exercise during the past year. Much interest has been taken by the students in physical culture and general athletics in consequence of its equipment. The organization of a students' athletic association has also added to the interest in physical culture.

Laboratories There are four laboratories for the practical work and research experiments in the scientific departments of the college. The biological laboratory has been equipped with compound microscopes, charts, models and all other necessary apparatus and appliances for undergraduate courses. The chemical laboratory has been furnished with individual desks and is well supplied with light, water and heat for the usual experiments. The laboratory in mineralogy and geology is furnished with a choice collection of minerals and fossils. "The Philip J. Schopp Collection," donated by the widow in memory of her husband, comprises more than six hundred specimens of minerals besides a valuable collection of fossils. The physical laboratory is furnished with the usual apparatus needed for demonstration in the academic and college courses.

Libraries Students have access to four libraries. The college library comprises over five thousand volumes and pamphlets, and contains many rare volumes besides the usual collection of government reports in science and education. During the past year the nucleus of a medical section has been formed through the donation of about fifty volumes by J. Armstrong, M. D., and the assistance of Rev. Josiah Kuhn, '81. The two literary societies have invested funds, the interest of which is annually expended in the purchase of standard works in literature and history. The Public Library of Carthage, containing several thousand volumes, is also open to students; while the private libraries of the members of the faculty are also accessible for study upon special topics. Upon the tables of the college reading room and of the public library may be found copies of all the leading magazines and many scientific periodicals, to all of which the students have access during the day and evening.

Literary Societies Two societies, GALILEO, which was organized in 1870, and CICERO, which was organized a year later, are sustained in connection with the College. Sessions are held every Friday evening and afford their members access to choice collections of books, valuable aid in composition, debate and parliamentary practice besides opportunities for social culture. All candidates for degrees are required to unite with one or the other of these societies, and senior academic students are also required to perform a prescribed amount of literary work annually. Each of the societies occupies a large attractive hall, handsomely furnished for literary and social purposes. Pianos enable the societies to add to the interest of their programs by the introduction of musical numbers.

Departments and Courses of Study The regular departments of the institution consist of the College, the Academy and the Normal School. In addition to these there are special departments of music, art, elocution, domestic science, business and physical culture. The College offers courses leading to the usual Bachelors' degrees and prepares for technical or professional study in the university. The Academy offers four years' courses in secondary education, corresponding to the best high schools and preparatory schools in the west, and prepares for any college or for life. The Normal School is designed for those who desire to review the common branches or wish to prepare themselves for examinations for first and second grade certificates in the public schools. The summer term of six weeks is especially intended for teachers wishing to prepare for the mid-summer county examinations.

Special Departments and Courses of Study These are provided for students desiring instruction aside from or in addition to the literary courses in the regular departments. Students interested in these subjects are requested to examine further statements regarding them in this catalogue.

Instruction In all departments is thorough and practical. It is intended to be helpful to the student, but in no sense a substitute for his individual exertion. The aim is to afford the

student the very best discipline in habits of independent thinking, and the methods employed are made to conform to this end. The class-room work is carried on by means of recitations from suitable text-books, free discussion in classes, presentation of theses, frequent examinations and reviews, dictation of notes, use of blackboards and charts. Original work on the part of the student is encouraged and insisted upon as a requisite to graduation. Courses of reading on special topics, supplementary to the subjects pursued in class, are laid out, and the student is required to follow these carefully and at stated times to give a synopsis of the parts gone over. At the discretion of the teacher, work of this kind may be received in place of a review of the text-books, preparatory to examination. The results, so far as this system has been practiced, have been very gratifying.

Examinations are held from time to time as it is thought necessary or advantageous to the progress of the students, usually at the close of each term. Promotions to advanced standing are made upon the basis of satisfactory examinations in the studies pursued, or the performance of such special work as the teacher may direct.

A record of the scholarship and deportment of each student is kept, and the report of the same is sent to the parent or guardian at the end of each term. Special information will be given regarding the work of the students upon request; and the cordial support of all persons interested in the progress of the students is earnestly desired by the Faculty.

Attendance It is very important that all students desiring to enter the college be present at the beginning of each term and that as few interruptions as possible be allowed during the term. For this reason registration and the selection of courses should he attended to on the day indicated in the calendar, so the work of instruction may begin as announced. Those who desire to absent themselves temporarily from the college are required previously to secure leave of absence; and students absenting themselves from recitations without excuse or leaving the city without permission, will be subjected to discipline by the Faculty. Parents can assist the Faculty greatly by discouraging all requests for

special leave of absence during the term and by insisting upon the faithful performance of all work assigned in the class-room or in the literary societies.

Registration Before the opening of each term, every student in the institution may obtain from the registrar a card on which his name and the course of study are to be enrolled. When the courses to be pursued shall have been entered by the professors in charge and the card shall have been duly signed by the treasurer and returned to the registrar, such students will be admitted to their classes without condition. But in all cases where this work shall not have been attended to by the opening of each term, an additional charge will be imposed to defray the necessary expenses occasioned thereby. This rule will be rigidly enforced at the opening of the coming year, and all necessary fees for tuition, registration, contingent expenses and room-rent in the ladies' hall will be due in advance for the term. In case of protracted illness or other necessary causes a portion of the amount paid will be refunded.

Prizes Mr. Leon W. Berry, of the city of Carthage, offers annually a gold medal to that regular member of the Freshman class who secures the highest average grade in all studies pursued during the year. The prize of 1901 was awarded to Miss Harriet Davis, of Carthage, Illinois.

Shadrach Bond Chapter of the Daughters of the American Revolution offers annually a prize consisting of a set of books, to that member of the Senior class who shall receive the highest average grade for work in American History,

The Board of Trustees offers a gold medal to that member of the Junior class, who, under the supervision of the Faculty, at the Junior Oratorical Entertainment shall produce the best original oration, regard being had for both thought and delivery. This prize, formerly offered to the Senior class, is for the first time open for competition to the Junior class during the approaching commencement week.

The Brain and Brawn Society, an organization of College students who have in some special way advanced the interests of Car-

thage College, offers each year special prizes to those students who excel in Foot Ball or in Track contests with other schools.

Free tuition for one year is annually offered to that member of the Senior class of the Carthage High School who shall receive the highest average grade in scholarship during the year. Miss Lessie Fletcher of the Freshman class was the recipient of this prize at the last commencement.

Religious Culture

The tone of the institution has been positively religious from the beginning. Students are required to attend daily chapel service and at least one service on Sunday. The study of the Bible and of Bible history is a part of the required courses, and Bible classes are also conducted under the direction of the students themselves. A marked feature of the religious life of the institution is the intimate relation existing between the students and the local congregations. Besides the English Lutheran church, whose pastor, Rev. C. W. Sifferd, D. D., is regarded as college pastor, there are represented in Carthage organizations of the Baptist, the Catholic, the Christian, the Protestant Episcopal, the Methodist Episcopal, the Presbyterian and the German Lutheran denominations. Students from any of these branches of the Christian church are encouraged to attend services of their own denomination and to become regularly identified with its religious work.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION, which was organized in 1881, has exerted a marked influence upon the life and character of the students during these twenty years. Prayer-meetings are held on Tuesday evening of each week, and on Sunday afternoons union meetings are held in connection with the YOUNG WOMEN'S CHRISTIAN ASSOCIATION. Devotional Bible study and missionary classes have been conducted by both associations. The Young Women's Christian Association holds a service every Monday evening, which has elicited very cordial support from the young women of the college, both students and instructors. Each association sends delegates every summer to the Geneva Conference of college students. New students are urged to unite with these associations and will do well to avail themselves of the assistance which is offered them at the opening of each year.

Facilities for Self-Help

While we cannot promise opportunities for earning support to all who may desire it, there are means for helping a limited number to defray or reduce their expenses. A portion of the janitor service in the main building and in Denhart Hall is being rendered by students at present. Offices, residences and a few stores in town furnish a number of students with employment. A few students are earning their way in homes. Several young people are meeting a portion of their expenses by table service, while others are adding to their income by the management of laundry agencies among the students and in the community. During the coming year a number of young men and young women will be needed to render service in the institution, for which credit will be given them on their tuition and other expenses.

Rooms and Boarding

All the young ladies from a distance will be expected to room and board in Denhart Hall, where comfortable and convenient rooms are provided at a very moderate expense. The rooms are carpeted and furnished with bedstead, springs, mattress, bureau, wash-stand, toilet-set, chairs, table and book-shelves, besides being heated by steam. During the coming season electricity will be introduced. Two closets are connected with each room, where the occupants may keep their property under lock and key. Only pillows, bedding and towels need be furnished by the students. As the cottage is limited to thirty students, all persons desiring to secure their rooms should make application as soon as possible, indicating any preferences. The regular charges for room, board, heat and light will be $3.50 a week, but an additional charge of fifty cents a week will be made for students rooming alone, provided it is possible to furnish single rooms.

Comfortable homes can be secured by the young men in the neighborhood of the college, where they can enjoy conveniences similar to those offered the young ladies. There are several homes near the college where board may be secured for $2.50 a week. A similar amount has been charged a number of young men who have secured board in the ladies' hall.

Government The government of the institution is vested in the Faculty, who, under the direction of the Board of Trustees, administer the discipline and impose such penalties for violation of good order as seem to be required. As a rule, little more than friendly admonition is required to preserve order among the students; and the purpose for the coming year is to retain only such students as may conduct themselves in a gentlemanly or lady-like manner, giving attention to the work undertaken by the school and recognizing the claims of their professors and fellow students in all their social relations. Should any student be found unfaithful to his duties or unworthy of the respect of his associates, he will be summarily dealt with, both for his own good and for the general welfare of the institution. Students who have failed to conduct themselves properly in other institutions are not desired in Carthage College.

A proper care for the health and good name of the young ladies is exercised; and, while their privileges are restricted to certain hours and days, it will in no way interfere with their social pleasures or culture. The aim will be constantly to develop a spirit of industry, fidelity, truthfulness and good order; while only such restrictions will be imposed upon any student as may be required to maintain the authority of the Faculty or to advance the best interests of the institution.

Terms and Vacations The school year of the three regular departments consists of 36 weeks, divided into three terms of equal length. There are two vacations; the usual holiday vacation lasting about two weeks and the long summer vacation of about thirteen weeks after commencement. By this arrangement students can pursue their studies through the school year and needy students can make the very best use of the long vacation for procuring means of support while at school. Students may enter any of the departments at any time, but the best results are secured by those who commence at the beginning of the year or the beginning of each term.

Expenses The necessary expenses at Carthage College are quite low. The cost of living, due to the proximity of Carthage College to the source of supplies, makes living expenses

much less than would be required in a larger place, while the absence of many of the temptations of the city also removes a source of expense.

Tuition in the College, Academy and Normal department is ten dollars per term, if paid in advance; otherwise students will be charged $1.00 a week. Students desiring to carry additional subjects in any of the special departments of the institution will be required to pay additional fees, according to the statements made under the proper heading, elsewhere in this catalogue. Under no circumstances will students be received into the institution without having made satisfactory arrangements with the treasurer for their tuition and fees. Students registering not later than the first day of the term will be charged, upon their entrance in the institution, a registration fee of $1.00, payable invariably in advance. If any should enter later than the first day of any term, the fee will be doubled on account of the inconvenience occasioned by the delay.

The regular and special expenses of students in the College, the Academy and the Normal department are tabulated as follows:

Tuition, per term, in advance	$10.00
Registration fee, for the year	1.00
Contingent fee, per term	1.00
Academic Botany or Physics, per term	.50
Biology, for the year	2.00
Physics or Mineralogy, per term	1.00
Chemistry, per term	1.50
Boarding, room-rent, heat and light in Denhart Hall, per week	3.50

Other expenses, such as fees in music, art, elocution, physical culture, typewriting, stenography, etc., are presented in connection with these subjects elsewhere in the catalogue.

By comparing these expenses with those of other institutions offering similar facilities and courses of instruction, it will be apparent that the outlay required at Carthage College is noticeably less than that necessitated elsewhere.

Students who are disposed to economize or to assist themselves toward a partial support by their own exertions, will be able to reduce the amount of expense to a comparatively small sum.

For further information, attention is called to statements regarding this matter under "Facilities for Self Help."

Legacies It is highly important that all friends of the College should interest themselves in increasing the endowment fund of the institution as rapidly as possible. To this end much service can be rendered by those who have been temporally prospered, by remembering the institution with legacies. Too often those who could contribute a few hundred dollars hesitate because of the comparative smallness of the amount, while, by their example as well as by the aggregate of such contributions, they could materially assist the institution to a large permanent fund. Only one professorship has thus far been endowed—The David L. Tressler Professorship of Mental and Moral Philosophy, to which the heirs of Frederick William Klemme, Henry Denhart and Andrew Hans have each contributed at least $1000.

In making bequests, care should be taken to use the correct and full corporate title of the College; also to state clearly the amount of bequest, and the special use, if any, for which it may be designed. The following general form of bequest is recommended:

I give, devise, and bequeath to Carthage College, Carthage, Illinois, the sum of $..... (or if real estate or other property, describe accurately), said funds to be held by it and applied to the endowment fund of Carthage College (or if for any other purpose, state clearly). But in case the College should cease to be controlled by the General Synod of the Evangelical Lutheran Church in the United States of America, or a Synod or Synods belonging thereto, said money or proceeds shall revert to the Board of Education of said General Synod for the support of some other General Synod College on the present Carthage College territory.

THE COLLEGE.

While the College believes that certain branches of study are essential to the highest intellectual development and the broadest culture of the student, yet it holds that different curricula of studies may be made to serve the great aims and ends of education. It therefore offers two courses, each leading to a degree, viz:

The Classical Course, leading to the degree of Bachelor of Arts;

The Scientific Course, leading to the degree of Bachelor of Sciences.

The number of credits required for the completion of these courses is the same in both.

Classical Course This course places special emphasis upon the study of the languages, literature and history of the Greeks and Romans. It includes full work in the English Language, in Philosophy and History, as well as one year of Science, and Mathematics up to and including Trigonometry. Provision is made in the Junior and Senior years whereby the student may elect work in the Sciences, Mathematics and Modern Languages which is not offered in the requirements of this course. The Classical Course leads by the most approved means to the most perfect discipline of the mental powers, and all those who intend to enter any of the learned professions, and especially the Christian ministry, are earnestly advised to pursue this course.

Scientific Course This course emphasizes the study of the Natural Sciences and Mathematics, both with reference to their disciplinary value and their practical importance. Science is a required study throughout the course. It includes four years' work in English, full work in Philosophy and History, and requires two years of German and one year of French, in lieu of the Greek and the additional Latin required in the Classical Course. In the Junior and Senior years, opportunity is offered for electing further work in the Modern Languages.

Terms of Admission Candidates for admission must present satisfactory testimonials of good moral character; certificates of regular dismission are required of those who come from other colleges.

In 1902 candidates for admission to Carthage College will be examined in the studies included in the following list. Thereafter the terms of admission will be based on the new course of study in the Academy, which see.

I. LATIN:

1. Collar & Daniell's First Latin Book. Latin Grammar; Allen & Greenough, Harkness or Bennett.
2. *Via Latina.* Cæsar, four books of Gallic War.
3. Cicero; four orations against Catiline, For Roscius, For Archias.
4. Vergil; Æneid, Books I.-VI., with Prosody.
5. Prose Composition; thirty lessons of Bennett's Latin Prose Composition.

II. GREEK:

1. White's Beginner's Greek Book. Goodwin's Greek Grammar.
2. Xenophon; Anabasis, four books.
3. Prose Composition; the equivalent of the first twenty lessons of Jones' Greek Prose Composition.

III. MATHEMATICS:

1. Arithmetic complete.
2. Algebra, through Quadratics. Fisher & Schwatt, or equivalent.
3. Geometry, Plane and Solid complete. Phillips & Fisher.

IV. HISTORY:

1. United States: Johnson's *History of the United States*, or its equivalent.
2. General History: Myers's *General History*, or its equivalent.
3. Greece: Myers's *History of Greece*, or its equivalent.
4. Rome: Myers's *Rome: Its Rise and Fall*, or its equivalent.

V. ENGLISH:

1. A short essay, correct in orthography, punctuation, con-

struction of sentences and paragraphs, grammar, diction and style, on a theme drawn from one of the books in the course prescribed by the Association of American Colleges:

Shakespeare's *Macbeth;* Milton's *L'Allegro*, *Il Penseroso*, *Comus*, and *Lycidas;* Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Addison and Milton;* George Eliot's *Silas Marner;* Pope's *Translation of the Iliad*, Books I, VI, XXII and XXIV; *Sir Roger de Coverley Papers* from *The Spectator;* Goldsmith's *Vicar of Wakefield;* Scott's *Ivanhoe;* Shakespeare's *Merchant of Venice;* Cooper's *Last of the Mohicans;* Tennyson's *The Princess;* Coleridge's *Ancient Mariner;* Lowell's *Vision of Sir Launfal.*

2. Criticism and correction of specimens of incorrect English.
3. A written examination on the fundamental principles of Grammar and Rhetoric.

VI. SCIENCE:
1. Descriptive and Political Geography.
2. Physical Geography.
3. Elementary Zoology.
4. Physiology.
5. Elementary Botany.
6. Elementary Physics.

Candidates for admission to the Freshman Class of the Classical Course are examined in all of the above, except V. 3 and VI. 3, 4 and 5. Real equivalents in the work of Ancient Languages will be accepted. Candidates for admission to the Freshman Class of the Scientific Course will be examined in all the above, except II.

For a complete outline of all the courses in this department, see Academic Department.

Graduates of the Academic Department of Carthage College are admitted to the corresponding courses of the Collegiate Department without examination. Graduates of the Carthage High School and other accredited High Schools and Academies are admitted to the various courses of the College on the same conditions as those from the Academy.

Conditioned Students Applicants for admission to the Freshman Class, who are deficient in not more than two subjects, may be admitted conditionally, all conditions to be removed by the end of the Freshman year, the students meanwhile maintaining good standing in their regular classes. Such conditions must be removed by taking the subjects with the regular Academic classes.

Advanced Standing Candidates for admission to advanced standing must sustain an examination in the studies previously pursued by the class they propose to enter. Under this regulation, students are admitted at any time within the year. Under certain restrictions, credits, *without examination*, are given for work of like grade done in other institutions. In all cases the applicant must present a certificate of honorable dismissal from the college where these credits were earned.

Special Students Students who do not desire to pursue a regular course of study may pursue a select course, if they are prepared to take the work of the regular classes pursuing those branches. Such students must take the examination with the regular class, are subject to all the rules and regulations of the College and are expected to take sufficient work to occupy fully their time.

Electives All the studies of the Freshman and Sophomore years are required in all the courses. In the Junior and Senior years, in addition to the required studies, a liberal list of electives is offered. In addition to the general electives offered, the student is permitted to elect any study offered in other courses and not required in his own. These electives are restricted in the sense that an election of a certain study at the beginning of the year imposes upon the student the requirement that in the following two terms he pursue certain studies designated by the faculty at the time of the first election. This regulation is intended to prevent the too common abuse of the elective system, and is favorable to the student who desires to acquire mastery in any particular line. When

the election has been made and cognate subjects assigned, no deviation can be made from this order except upon the application of the student and by the unanimous consent of the faculty.

Substitutions No substitution of elective work for required work, or of required work in one department for different required work in another department may be made without the approval of the majority of the faculty and the concurrence of the Professor in whose department the proposed substitution is to be made.

Requirements for Graduation The work covers a period of four years. The number of recitations a week necessary to complete the course leading to a degree is eighteen for the Freshman, the Sophomore and the Junior classes, and fifteen for Seniors. No student will be recommended for graduation who does not take all the prescribed studies in the course leading to the degree applied for. Nor will any one, without special permission of the Faculty, be permitted to attend more recitations than the number assigned to the class of which he is a member.

DEPARTMENTS OF INSTRUCTION.

MENTAL AND MORAL PHILOSOPHY.

PRESIDENT SIGMUND.

The courses offered in this department are designed to furnish the student with a thorough and comprehensive understanding of the elements of mental and moral science and of the leading facts and principles of the history of philosophy. Standard texts are made the basis of study, but the works of the leading writers on the various subjects will be consulted on special topics. Independent thought will be encouraged and theses on assigned topics will be required during the year.

I. PSYCHOLOGY. An introductory study of the mind, with references to the physiological and philosophical problems involved. Twice a week throughout the year. Required of all Juniors.

II. LOGIC: DEDUCTIVE AND INDUCTIVE. A study of formal logic, with references to the history of the science and frequent praxis in the application of the theory of thought. Twice a week through the first two terms. Required of all Juniors.

III. INTRODUCTION IN PHILOSOPHY. Designed to acquaint the student with the problems and relations of the philosophical sciences and to assist in the formation of a system of philosophy. Twice a week through the third term. Required of all Juniors.

IV. HISTORY OF PHILOSOPHY. A study of the leading systems of ancient, mediæval and modern times. Twice a week throughout the year. Required of all Seniors.

V. ETHICS. A study of ethical principles and theories, with references to the leading schools and with discussion of practical problems. Twice a week through the first two terms. Required of all Seniors.

THE LATIN LANGUAGE AND LITERATURE.

PROFESSOR TROUP.

The purpose of the instruction in this department is: First, to acquaint the student thoroughly with the principles of the language itself. Second, to give the student a knowledge of the development of the language, of its main literary features, and an acquaintance with the moral and social problems which the Romans endeavored to solve. In the early part of the course the chief writers of the late Republic and early Empire are read. Rapid reviews of forms and syntax are given, and translations into idiomatic English are insisted upon. Auxiliary to these aims, composition based upon the text which is being read is required frequently.

As the student acquires larger familiarity with the language, the stylistic and historical elements are brought into prominence, and, by reading large portions of their masterpieces, an examination of the literary characteristics of the various authors is attempted.

I. CICERO's *De Senectute* and *De Amicitia* are read. Sight reading is required frequently. Required of Classical and Scientific Freshmen, four hours a week, first half-year.

II. LIVY; Books I and XXI. Sight reading continued. One hour a week is devoted to the study of Roman Literature (Prof. Wilkins's Primer). Required of Classical and Scientific Freshmen, four hours a week, second half-year.

III. HORACE; Odes, Books I and II, with the Epodes and selected Satires and Epistles. Review of Latin Prosody and study of Horatian Metres. Scansion of entire text read. The pupil is required to memorize several odes assigned by the instructor. Roman Mythology, one hour a week. Required of Classical Sophomores, Fall and Winter terms, four hours a week.

IV. QUINTILIAN; Institutes, Books X and XII, or selected letters of Pliny. Preston and Dodge's Private Life of the Romans, one hour a week. Required of Classical Sophomores, Spring term, four hours a week.

V. JUVENAL and PERSIUS.

VI. TACITUS; Germania and Agricola. Study of the Colonial Policy of Rome.

VII. CICERO; Tusculan Disputations. This work will be read in large installments, and some time will be given to the discussion of the subject matter of the dialogue under consideration. Along with courses V, VI, and VII, one hour a week will be devoted to the study of Cruttwell's History of Roman Literature. Elective for all students who have taken courses III and IV; three hours a week.

VIII. SUETONIUS; Lives of the Cæsars, *Julius*, *Augustus*, *Tiberius*. Fall term, two hours a week.

IX. TACITUS. *Dialogus de Oratoribus*. Winter term, two hours a week.

X. LUCRETIUS, *De Natura Rerum;* or some one or more of the philosopical works of Cicero. Spring term, two hours a week.

Courses VIII, IX and X, are elective and are subject to change to suit the requirements of the class. If the members of the class desire to prepare for teaching Latin, a course may be given in the methods of presenting preparatory Latin, and in advanced Latin Prose with systematic study of the grammar.

THE GREEK LANGUAGE AND LITERATURE.

PROFESSOR TROUP.

Liberal provision for the study of the Greek Language and Literature is offered in the Classical Course. Believing that, as a disciplinary study and as an aid to the interpretation and appreciation of literature, the Greek Language possesses many superior advantages, we have given it prominent attention in the Freshman and Sophomore years. The aim in the first part of the course is to lead to the mastery of the grammatical structure of the language and to the acquirement of a good vocabulary. To this end, frequent exercises are given in prose writing from sentences based on the text which is being read. Written translations of difficult passages are required from time to time. In the latter part of the course the student, having acquired facility in translation, should be able to appreciate

to some degree the strength and beauty of Greek literature and gain some conception of the influence of Greece on human thought and culture. The Greek of the Junior and Senior years is elective, and all Classical students are urged to pursue the study throughout the course.

I. LYSIAS. The course in Lysias embraces the eight orations given in Morgan's Lysias. Rapid reviews of forms and syntax. Twenty lessons in Greek prose. Required of Classical Freshmen, first half-year, four hours a week.

II. HOMER; Iliad, Books I-VI. Special attention given to Greek Prosody and the dialectic peculiarities of Homer. Study of the Homeric Question. Required of Classical Freshmen, second half-year, four hours a week.

III. DEMOSTHENES, *On the Crown*. Study of the Public Life of the Greeks. Fall term.

IV. SOPHOCLES, *Electra*. Winter term.

V. EURIPIDES, *Medea*. Spring term. In connection with this and the preceding course, the class will make a study of Dramatic Literature and the Greek Stage. Courses III, IV and V are required of Classical Sophomores, four hours a week.

VI. PLATO, Apology and Crito. Study of Socrates as a public teacher. Fall term.

VII. THUCYDIDES, Book VII. Winter term.

VIII. ARISTOPHANES, *Clouds*. Spring term. Courses VI, VII, and VIII are elective, three hours a week.

IX. JUSTIN MARTYR, *Apology Major*. Fall term.

X. NEW TESTAMENT. Winter term. Courses IX and X are elective, two hours a week.

THE ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR HILL.

In the work of the Department of English, three objects are contemplated: First, proficiency in English Composition; secondly,

a general acquaintance with English Literature; and thirdly, a knowledge of the origin and development of the English Language and Literature. The first of these is the main object considered in courses I. and V. The second is the chief purpose sought in courses IV, VI, VII and VIII. The third is sought in courses III and IV. The study of Literature, however, and practice in composition form a part of every course in English.

I. ENGLISH COMPOSITION AND RHETORIC. Recitations and written exercises. The text-book at present adopted for this course is Herrick and Damon's *Composition and Rhetoric.* Two hours a week throughout the year. Prescribed for Freshmen in all courses.

II. ENGLISH LITERATURE. History and Development of English Literature in outline. Pancoast's *Introduction to English Literature;* Pancoast's *Standard English Poems.* One hour a week throughout the year. Prescribed for Freshmen in all the courses.

III. ANGLO-SAXON. Smith's *Old English Grammar.* Three hours per week for the first half-year. Prescribed for Sophomores in all the courses.

IV. ENGLISH LITERATURE: CHAUCER AND SPENSER. Attention will be given to the historical development of the English Language. Three hours a week from the holiday recess to the end of the year. Essays and written reports on collateral reading. Prescribed for Sophomores in all the courses.

V. RHETORIC. The theory of Rhetoric is studied and the various rhetorical principles are put into practice in the writing of essays in description, narration, exposition and argumentation. Two orations will be required. Genung's *The Working Principles of Rhetoric.* Two hours per week throughout the year. Prescribed for Juniors in the Classical course. Elective for Juniors in the Scientific course.

VI. ENGLISH LITERATURE: SHAKESPEARE. Critical, textual and literary study of selected plays. Supplementary reading on the life, times and genius of Shakespeare. Theses. Two hours a week during the first term. Prescribed for Seniors in all courses.

VII. ENGLISH LITERATURE: MILTON. Critical and literary study of Paradise Lost and selected minor poems. *Milton's Paradise*

Lost, by J. A. Himes. Theses. Two hours a week during the second term. Prescribed for Seniors in all courses.

VIII. ENGLISH LITERATURE: BROWNING and TENNYSON. Critical and literary study of selections from the dramas and shorter poems of Browning, followed by a similar study of the greater poems of Tennyson. Supplementary reading and theses. Two hours a week during the last term. Prescribed for Seniors in all courses.

HISTORY AND POLITICAL SCIENCE.

PROFESSORS HILL AND SHOTT.

In this department are included the courses in History, Politics and Economics. The method of instruction is largely by recitation. Collateral reading will be required, the results of which are presented in written reports. The work of courses II, III and IV will be supplemented by Theses on topics assigned for special study.

I. GREEK AND ROMAN HISTORY. The aim is to give the student a thorough grounding in the political and social life of Classic times, as an introduction to the study of Mediæval and Modern History. Myers' *History of Greece;* Myers' *Rome: Its Rise and Fall.* Two hours a week throughout the year. Prescribed for Freshmen in all the courses.

II. MEDIÆVAL HISTORY. The history of Europe from the end of the fourth to the beginning of the sixteenth century. The course deals with the Migrations, the Founding of the Teutonic States, Mediæval Christianity, Feudalism, The Crusades and The Renaissance. Emerton's *Introduction to the Middle Ages* and *Mediæval Europe.* Theses. Two hours a week throughout the year. Prescribed for Sophomores in all the courses.

III. HISTORY OF CIVILIZATION. Adams' *Civilization in the Middle Ages.* Theses. Two hours a week during first half-year. Prescribed for Juniors in the Classical Course. Elective in the Scientific Course.

IV. MODERN HISTORY. The period covered extends from Renaissance to the end of the nineteenth century and includes the Protestant Reformation, the Roman Catholic Re-action, the Foundation and Organization of the Modern States, the Thirty Years' War, the French Revolution, the Unification of the German Empire. Schwill's *History of Modern Europe.* Supplementary reading and theses. Two hours a week during last half-year. Prescribed for Juniors in the Classical course. Elective in the Scientific course.

V. ECONOMICS. The course in Political Science is based upon Hadley's *Economics.* Each student is expected to read before the class a paper upon some subject that he selects for special study. Frequently the papers of the entire class discuss different aspects of the same subjects. Three hours a week during the first half-year.

VI. AMERICAN GOVERNMENT. The course in Economics is followed by a course in American Government. Bryce's *American Commonwealth* is used as a text-book. This book is supplemented by lectures upon the origin, interpretation and growth of the constitution of the United States. Three hours a week through the second half-year. Courses V and VI are prescribed for all Seniors.

THE GERMAN LANGUAGE AND LITERATURE.

PROFESSOR OSTERHOLM.

The object of the instruction in this department is primarily to lead the student to a good reading knowledge of the German language; to develop in him an accurate and critical appreciation of its literature, and, as far as class-room instruction will permit, to afford him opportunity and facility for composition and conversation.

The following courses are offered:

I. (*a*) Grammar, prose composition.
(*b*) Reader; Grammar; prose composition.
(*c*) Various texts; prose composition; conversation.

The year is devoted to acquiring a correct pronunciation, facility in the use of the German script and mastering inflectional forms and principles of sentence-structure in German. Oral and written

exercises in translating from and into German, with constant drill on inflectional forms. Text-books: Joynes-Meissner's Grammar. Hewett's German Reader; various German texts. Required of Scientific Sophomores and open to Classical Juniors. Four hours a week throughout the year.

II. FREYTAG, Die Journalisten; Keller's Kleider machen Leute; review of Grammar, Part I. Fall term. Four hours a week.

III. GERMAN SYNTAX; German Lyrics and Ballads. Winter term. Four hours a week.

IV. SCHILLER'S Die Jungfrau von Orleans, Lessing's Minna von Barnhelm or Gœthe's Hermann und Dorothea. Spring term. Four hours a week.

Particular attention is paid, during the year, to prose composition and, as far as practicable, to conversation. Modern prose writers are first taken up, to be followed by the study of a selection of the best German Lyrics and one or two works of Schiller, Gœthe, or Lessing. Courses II, III and IV are required of Juniors in the scientific course, and are open to Seniors in the classical course who have had one year of German.

V. GŒTHE, Faust, Aus meinem Leben. Fall term. Three hours a week.

VI. SCHILLER'S, Die Braut von Messina, Maria Stuart. Winter term. Three hours a week.

VII. LESSING, Emilia Galotti, Nathan der Weise. Spring term. Three hours a week,

Courses V, VI, VII are devoted to the study of German classic writers as represented by Gœthe, Schiller and Lessing. They are open to all students who have had at least two years of Collegiate German.

VIII. (*a*) HISTORY OF GERMAN LITERATURE. Rapid reading of modern writers. Conversation.

(*b*) Rapid reading of recent authors. Conversation.

(*c*) Rapid reading of recent authors, illustrating German life. Conversation. This course is intended for students who are desirous of acquiring a good reading knowledge of the German language and also a good vocabulary of words in common use. The purpose

is to make this course above all practical, and, at the request of the class, may take the place of courses V, VI, VII. Open to all students who have had courses I, II, III, IV. Three hours a week throughout the year.

ROMANCE LANGUAGES.

PROFESSOR OSTERHOLM.

I. French.

(*a*) Grammar; prose composition.
(*b*) Reader; Grammar; prose composition.
(*c*) Various texts; prose composition.

Great attention is paid, throughout the year, to pronunciation and the essentials of the language, with constant drill on grammatical forms. Text books: Fraser and Squair's French Grammar; Super's Reader; various texts. Required of Juniors in the scientific course, and open to classical students. Four hours a week.

II. Grammar reviewed; Syntax; Erckman-Chatrian's Le Conscrit; Victor Hugo's Quatre-vingt Treize, or About's Le Roi des Montagnes; sight reading. Fall term. Three hours a week.

III. SAND'S La Mare au diable; Dumas's Les Trois Mousquetaires; Fortier's Sept Grands Auteurs de XIX Siecle; sight reading. Winter term. Three hours a week.

IV. Bowen's FRENCH LYRICS; Victor Hugo's Ernani; Racine's Althalie; Moliere's L'Avare; Corneille's Le Cid; sight reading. Spring term. Three hours a week.

These courses are designed to impart to the student the ability to read and appreciate critically modern and classical French. Open to all students who have had at least one year of French.

V. French writing and speaking with reading of modern authors. Open to all who have had two years of French. Three hours a week throughout the year.

VI. Italian.

(*a*) Grammar and prose composition.
(*b*) Reader and grammar with prose composition.
(*c*) Much easy prose; grammar with review of irregular verbs.

The principal object of this course is to enable a student to read ordinary historical or scientific prose. Two hours a week throughout the year. Elective for all courses.

VII. Spanish.

(*a*) Grammar and prose composition.
(*b*) Reader and grammar, with prose composition.
(*c*) Modern Selections.

Elective for all courses. Two hours a week.

There is a growing interest in this country for the Spanish language, due principally to the close relations of the United States with many of the Spanish speaking peoples. To meet this popular demand, Spanish will be offered on alternate years with Italian.

MATHEMATICS AND ASTRONOMY.

PROFESSOR ROOD.

The work in this department is so arranged that the student has the opportunity of completing the course or of taking only such studies as are essential. The work is as practical as it can be made, the aim being the cultivation of orderly, continuous, and independent thought, and the preparation of the student for the mathematical operations necessitated in an intelligent and exhaustive study of the sciences.

I. ALGEBRA. The first few weeks are devoted to a rapid review of the portion of Algebra preceding quadratics. This review is followed by a careful study of the binomial theorem, series, logarithms, equations of higher degree, and so forth. Required of Freshmen in all courses, first half-year, four hours a week.

II. TRIGONOMETRY, PLANE AND SPHERICAL. Required of Freshmen in all courses, second half-year, four hours a week.

III. ANALYTIC GEOMETRY. The aim is to acquaint the student with analytical methods of investigation, and to make him more skillful in the use of algebraic processes. Required of Sophomores in the Scientific Course, first half-year, four hours a week. Elective in the Classical Course.

IV. DIFFERENTIAL CALCULUS. Differentiation of Algebraic and transcendental functions, development of functions, treatment of maxima and mimima, curvature, evolutes, involutes, etc. Required of Sophomores in the Scientific Course. Second half-year, four hours a week. Elective in the Classical Course.

V. INTEGRAL CALCULUS. Integration of the various forms and geometrical applications. Four hours a week, first half-year. Elective for those having finished preceding courses.

VI. PROBLEMS in Algebra, Geometry and Trigonometry, open to all students who have completed their Freshman mathematics. One hour a week throughout the year.

VII. ASTRONOMY. The aim of this course is to give a general knowledge of the facts of Astronomy, with a clear conception of the principles underlying them and an understanding of the methods of arriving at these facts. This is a two-hour elective for the first and second terms, open to Seniors of all courses.

VIII. In addition, courses in Theory of Equations; Advanced Integral Calculus; Differential Equations; Analytic Mechanics; Mathematical Astronomy; Theory of Functions, etc., will be offered, if desired.

THE NATURAL SCIENCES.

PROFESSORS SHOTT AND HILL.

I. BIOLOGY. The course in Biology is required throughout the Freshman year in the Scientific Course, and consists of two periods per week of recitations and four weekly periods of laboratory work. T. J. Parker's *Elementary Biology*, with laboratory work, is used as an introduction to the course. Zoology is then studied for the remainder of the year with some emphasis on the dissection of typical vertebrates. Usually an opportunity is offered to elect Botany instead of Zoology during the spring term. The biological laboratory occupies a separate room and is supplied with works of reference, compound microscopes and other apparatus and reagents necessary for thorough work.

II. CHEMISTRY. General Chemistry is required of all students in the Sophomore year. The work continues throughout the year

and requires two hours per week of lectures or recitations, and four hours per week of laboratory work. Remsen's *College Chemistry* is used as a text-book. The students will be required to perform all the experiments in this book; but those students who offer Chemistry as an admission requirement will perform some experiments of an advanced character in the place of the more elementary work in the *College Chemistry*. The chemical laboratory is well supplied with all the material necessary for the usual undergraduate work.

III. PHYSICS. The course in Junior Physics is both descriptive and experimental. Two or three weekly recitations and three or four laboratory periods per week will be necessary to complete the work. During the fall term some emphasis is given to mechanics, and this portion of the work presupposes a useful knowledge of Trigonometry. *General Physics*, by Hastings & Beach, will be used as a text-book. The laboratory exercises in mechanics, heat, sound, light and electricity will be selected from a *Manual of Experiments in Physics*, by Ames & Bliss. The physical laboratory is well equipped for a thorough course in General Physics. This course is required in the Scientific Course and is elective in the Classical Course.

IV. GEOLOGY. The course in Geology includes a consideration of such geological facts and theories as should be known to every educated person. Attention is given to Dynamic Geology, that the student may understand the forces now at work upon and within the earth's crust. In Historical Geology especial stress is laid on the development of the North American continent, and the evolution of its geographic features. The instruction in Paleontology aims to acquaint the student with the classification of those organic forms occurring as fossils, together with the succession of the various groups in the strata, and the causes, as far as known, for their appearance and disappearance. Le Conte's *Elements of Geology* will be used as the basis for the class-room work.

Three hours a week during the second and third terms.

V. MINERALOGY. Introductory to Geology, will be given a course in Descriptive and Determinative Mineralogy and Petrography. Three hours a week during the first term. These courses, IV and V, are prescribed for Seniors in the Scientific Course; elective in the Classical Course.

BIBLICAL HISTORY AND CRITICISM.

PRESIDENT SIGMUND.

The aim of this department is to acquaint the student with the leading facts of Hebrew and Jewish history in Old Testament and New Testament times, and of Christian history during the Apostolic age. The course in Evidences, in harmony with the purpose of Christian education, is intended to assist in the establishment of a living faith in the Gospel upon the foundation laid in the historical study of the Bible and in Philosophy.

I. THE GEOGRAPHY OF PALESTINE. This course is introductory and is intended to familiarize the student with the scenes and conditions of Biblical history. Once a week through the first term. Required of all Freshmen.

II. THE HISTORY OF NEW TESTAMENT TIMES IN PALESTINE. Begining with a sketch of the Jews under the Selucidae, this course embraces events during the period of the Maccabees and of the Roman occupation until the destruction of Jerusalem, A. D. 70. Once a week through the second and third terms. Required of all Freshmen.

III. THE HISTORY OF THE HEBREW PEOPLE. This course extends from the call of Abraham to the close of the period of Persian domination. Once a week throughout the year. Required of all Sophomores.

IV. THE LIFE OF JESUS CHRIST. An outline study based on a harmony of the four Gospels. Once a week through the first half-year. Required of all Juniors.

V. THE HISTORY OF THE APOSTOLIC AGE. An outline of Christian history from the founding of the Church to the end of the first century. Once a week through the second half-year. Required of all Juniors.

VI. THE EVIDENCES OF CHRISTIANITY. A course in Natural Theology and Christian Apologetics. Twice a week through the third term. Required of all Seniors.

SYNOPSIS OF COURSES OF STUDY.

FRESHMAN YEAR.

CLASSICAL COURSE.		SCIENTIFIC COURSE.	
Bible I, II	1	Bible I, II	1
English I, II	3	English I, II	3
Mathematics I, II	4	Mathematics I, II	4
History I	2	History I	2
Latin I, II	4	Latin 1, II	4
Greek 1, II	4	Science I	4

SOPHOMORE YEAR.

CLASSICAL COURSE.		SCIENTIFIC COURSE.	
Bible III	1	Bible III	1
English III, IV	3	English III, IV	3
History II	2	History II	2
Science II	4	Science II	4
Latin III, IV	4	Mathematics III, IV	4
Greek III-V	4	German I	4

JUNIOR YEAR.

CLASSICAL COURSE.		SCIENTIFIC COURSE.	
Bible IV, V	1	Bible IV, V	1
English V	2	Philosophy I, II, III	4
History III, IV	2	German II-IV	4
Philosophy I, II, III	4	French I	4
Latin V-VII	3	Science III	4
Greek VI-VIII	3	*Latin* III, IV	4
German I	4	*English* V	2
French I	4	*History* III, IV	2
Mathematics III, IV	4	*Mathematics* V, VI	
Science III	4		

SENIOR YEAR.

CLASSICAL COURSE.		SCIENTIFIC COURSE.	
Bible VI (1 term)	2	Bible VI (1 term)	2
English VI-VIII	2	English VI-VIII	2
History V, VI	3	History V, VI	3
Philosophy IV	2	Philosophy IV	2
Philosophy V (2 terms)	2	Philosophy V (2 terms)	2
Latin VIII-X	2	Science IV, V	3
Greek IX, X (2 terms)	2	*German* V-VII or VIII	3
German II-IV	4	*French* II-IV	3
French II-IV	3	*Italian*	2
Science IV, V	3	*Spanish*	2
Italian	2	*Astronomy* (2 terms)	2
Spanish	2	*Mathematics* V, VI	
Astronomy (2 terms)	2		

Elective studies indicated by *italics;* all other studies are required. Numerals indicate courses.

THE ACADEMY.

THE FACULTY OF THE ACADEMY.

REV. F. L. SIGMUND, A. M.,
President of the College.

W. K. HILL, A. M.,
Principal of the Academy and Instructor in Botany and Zoology.

W. W. TROUP, A. M.,
Instructor in Latin.

J. A. SHOTT, A. M.,
Instructor in Physics and Chemistry.

C. B. NEWCOMER, A. M.,
Instructor in Greek.

C. E. ROOD, PH. M.,
Instructor in Mathematics.

MARTIN OSTERHOLM, PH. D.,
Instructor in German.

EMMA J. BELL,
Instructor in English, History and Latin.

The Academy is under the immediate direction of the Principal. This direction is controlled by a two-fold purpose. In the first place, the design is to offer preparation for college, which will be sufficient in quality and quantity to admit a student to any college or university. In the second place, the work of the Academy is

designed to furnish for young men and women who may be denied the advantages of a college course as much training and culture as is possible in four years of secondary school work.

Fifteen units of credit are required for admission to the college. A unit is the amount of work involved in five (sometimes four) recitations each week for an entire school-year. Ordinarily four years will be necessary to secure the required fifteen units of credit; but students of maturity of mind and good health will be given every opportunity to meet the requirements in less time, if they so desire.

Students who desire to take a general course in the Academy without preparing for college will be permitted to enter any classes for which their previous training fits them, provided the studies selected do not conflict on the schedule of recitations.

Students who have finished the eighth year work in the public schools of the county will be prepared to enter the First year class of the Academy. Those who have not finished the so-called common school branches will find provision for their needs in the first year work of the Normal Department.

Diplomas will be granted to all students who have completed any one of the regular courses of the Academy.

COURSES OF STUDY.

FIRST YEAR.

ENGLISH D.—Grammar and composition. English Classics.

HISTORY D.—Greek History, first half-year. Roman History, second half-year.

MATHEMATICS D.—Algebra.

LATIN D.—Beginning Latin; *or*,

SCIENCE D.—Physical Geography, first half-year. Physiology, second half-year.

SECOND YEAR.

ENGLISH C.—Practical Rhetoric and composition. English Classics, college requirements, Plane.

MATHEMATICS C.—Geometry.

HISTORY C.—English History, first half-year. U. S. History, second half-year.

LATIN C.—Cæsar, and Prose; *or*,
SCIENCE C.—Zoology.

THIRD YEAR.

ENGLISH B.—Practical Rhetoric and composition. English Classics, college requirements.

HISTORY B.—Civics. Political History of the U. S.

LATIN B.—Cicero. Latin Prose.

GREEK B.—Beginning.

SCIENCE B.—1. Botany. 2. Chemistry.

GERMAN B.—Beginning. (See German I, in College Courses.)

FOURTH YEAR.

ENGLISH A.—Practical Rhetoric and composition. English Classics, college requirements.

MATHEMATICS A.—Algebra, first half-year. Geometry, Solid, second half-year.

SCIENCE A.—1. Physics. 2. Astronomy.

LATIN A.—Vergil. Prosody and Mythology.

GREEK A.—Xenophon's Anabasis.

GERMAN A.—(See German II, in College Courses.)

In the first year English D, Mathematics D, and History D, are prescribed for all students. Latin D is prescribed for students who are preparing for college. Those not preparing for college may elect between Latin D and Science D.

In the second year similar election is allowed between Latin C and Science C.

In the third year English B and History B are prescribed for all students. Latin B is prescribed for all students preparing for college. Greek B is prescribed for all students preparing for the Classical Course in college. Science B 1 is prescribed for all students who do not take Greek. Students not preparing for college may elect, in addition to the courses prescribed, from the following: Latin B, Science B 2 and German B.

In the fourth year Mathematics A and Science A 1 are prescribed for all students. Latin A is prescribed for all students preparing for college; Greek A, for all students preparing for the Classical Course in college; English A, for all students who do not

take Greek. Students not preparing for college, in addition to the courses prescribed, may elect from the following: Latin A, Science A 2 and German A.

The following substitutions may also be allowed when approved by the instructors: Science D for History D; Science B 1 for History B in the case of Classical students, and Science B 2 for History B in the case of students preparing for college without Greek. Also, students not preparing for college may substitute Latin D and C for German B and A.

It will be manifest from the above arrangement of the courses that each student in the Academy is expected regularly to pursue in any one term not more than four subjects of study, aggregating from seventeen to twenty recitation periods per week. Deviation from this arrangement can be made only with the approval of the faculty.

NORMAL DEPARTMENT.

PROFESSOR NEWCOMER.

This department has been created for teachers and those intending to teach. The following Course of Study includes, in addition to the so-called common branches, the subjects usually taught in our best high schools. The work of the first year is intended to meet all the demands of the County Superintendent of Schools for second grade certificate; the work of the second, third and fourth years prepares for first grade and life certificates.

Students who cannot spend the four years required for the completion of the course may arrange personally for special work. A moderate degree of freedom in the substitution of studies will be allowed, provided the student gives positive evidence of his fitness to take up the subjects elected. To any student completing the course of study as herein outlined will be given a diploma of graduation.

Besides our normal course, students may select from the regular academy course whatever studies they may desire, provided such studies may be pursued with profit. This gives the student the advantage of an elective course in addition to the one prescribed.

COURSE OF STUDY.

FIRST YEAR: Arithmetic, English Grammar, Latin, Algebra United States History, Geography, Pedagogy, Physiology, Penmanship, Orthography.

SECOND, THIRD AND FOURTH YEARS: Same as the corresponding years in the Latin Course of the Academy, except that additional work in Pedagogy will be required each year.

DESCRIPTION OF COURSES OF STUDY.

ENGLISH GRAMMAR: This work will be confined largely to Whitney & Lockwood's *English Grammar.* The aim will be to lead the student into a thorough knowledge of technical grammar and to help him to become proficient in the analysis and synthesis of sentences. Five hours a week through the year.

ARITHMETIC: This study is carefully reviewed and original work to suit the needs of the class will be presented. Special attention will be given to processes and analyses. The chief aim will be to cultivate independent thinking. Milne's *Standard Arithmetic* will serve as text. Five hours a week through the year.

U. S. HISTORY: This course is intended to acquaint the student with the chief facts of American History, and as far as possible their causes. McMaster's text will be used. Three hours a week through the year.

GEOGRAPHY: This work will be pursued in general as it is presented in the *Natural Advanced Geography.* Three hours a week, second and third terms.

PEDAGOGY: For the first year, Roark's *Methods in Education* will be studied. Three hours a week, second and third terms. For each succeeding year, a text will be used to suit the needs of the class.

ORTHOGRAPHY: Chief aim, to acquaint the student with a rapid and accurate use of the dictionary. Two hours a week, first term.

For a description of all other courses in the Normal Department, see description of the corresponding courses in the Academy.

SUMMER NORMAL TERM.

For the benefit of those teachers who desire to spend part of their vacation in reviewing, and of those preparing for examination, the Normal Department holds a summer session. The summer term of 1902 will begin June 2, and continue six weeks.

Instruction will be given in all subjects required for both first and second grade certificates. Other advanced branches will be taught, provided a sufficient number apply for instruction.

We urge students to attend, if possible, the entire session. This is needful, owing to the rapidity of the review, and the neces-

sity of covering the ground but once. An opportunity will also be given to any who may be deficient in any branch and who may wish to make it up in order to enter college. Those who have passed the Central Examinations may with profit pursue their work in this school.

The commodious and finely equipped building, the large grounds and beautiful, shady park make Carthage an ideal place for the school and an enticing spot to spend a few weeks in summer. The new ladies' hall, furnished with modern conveniences, will at this time be opened to lady students, where rooms and boarding may be secured at $3.00 a week.

Attention will be given to exercise for health and personal enjoyment. All modern outdoor sports will be encouraged, and clubs will be formed preparatory to a contest which will be held at the close of the term. The college possesses a well-equipped gymnasium which offers advantages available to our students. Much good work in athletics has been done this school year, and much may be done by our summer school students without interfering in the least with their study and class-room work.

The instructors are Professors C. B. Newcomer, W. W. Troup and J. A. Shott. They all have had experience not only in college, but also in public school work, and are well aware of the needs of the teacher. Supt. Califf will conduct the work in Pedagogy, and will hold a mid-summer examination for teachers' certificates at the close of the school.

Miss Reaburn, Miss Grau and Miss Van Hooser will give instruction in Art, in Domestic Science and in Physical Culture to any of our students.

Every effort will be made to assist teachers and students to do higher work, both in common branches and in other subjects especially helpful to the wide-awake teacher. Professionally and socially, this school will open the way for teachers to higher usefulness in their chosen field.

The tuition will be $1.00 a week for four weeks or more, and $1.50 a week for less than four weeks, payable in advance. For information relating to the summer school, address

C. B. NEWCOMER,
Prin. Normal Dept., Carthage College.

SPECIAL COURSES OF INSTRUCTION.

MUSIC.

MISS VAN HOOSER.

It is the aim of this department to awaken within the pupil a love for the best in music; to develop a true musical feeling and expression as well as technical skill. To this end the following courses are offered, leading to graduation. No definite length of time can be specified for completing these courses, as some will make twice the progress of others.

Any pupil may receive a certificate upon completion of any grade after the first.

Piano FIRST GRADE: Studies.—New England Conservatory Method. Melodious Exercises.—Czerny, Lemoine, Le Couppey, Theo. Kirchner. Technical Work.—Throughout grade to establish correct playing positions, conditions, and movements.

SECOND GRADE: Studies from Lemoine, Czerny, Duvernoy, Reinecke, LeCouppey, and others. Sonatinas selected from Kuhlau, Reinecke, Bohm, Krause, Lichner, and others. Studies in expression.—Heller, op. 47, Schumann's "Album for the Young." Technical work (without notes) throughout grade.

THIRD GRADE: Studies from Czerny, Bertini, LeCouppey, Krause, and others. Sonatas selected from Haydn and Mozart. Bach's Little Preludes, and Two Voice Inventions. Studies in Expression.—Heller op. 45 and op. 46; Heller's Transcriptions of Schubert's Songs; Schumann's "Kinderscenen." Modern Pieces selected from the best European and American Composers. Technical work throughout grade.

FOURTH GRADE: Studies from Czerny, Cramer, Kalkbrenner, Kirchner. Beethoven Sonatas (selected). Beethoven.—Rondos in C and G; one or two of the easier Sonatas; "Andante Favori." Studies in Expression.—Heller op. 16; Schumann's "Waldscenen";

selections from Mendelssohn's "Songs Without Words"; Schubert's Impromptus. Selections from Mendelssohn, Schumann, Chopin, Liszt. Technical work throughout grade.

Candidates for graduation in this department must have completed one year in harmony, theory and history of music. Upon completion of Grade IV, pupils are required to give a recital.

Voice GRADE I. Voice placing, sight reading, elementary studies of Abt, Luetgen, Sieber, Concone, with simple songs.

GRADE II. Advanced studies of Concone, Sieber, Abt, Marchesi, ballads and classic songs.

GRADE III. Abt's Book IV, Vaccai and other Italian studies. Songs of Schubert, Schumann and Mendelssohn. Selections from operas and oratorios.

GRADE IV. More difficult selections from operas and oratorios. Songs from all classic and modern composers.

Candidates for graduation in this department must have completed the second grade in piano, one year in harmony and history of music, and such other literature as may be directed.

Choral Singing Work in this line will consist of note reading, and the study of good choruses, the popular operas, masses and oratorios. All voice pupils are expected to do special work along this line, and the class is open to all who have sufficient musical knowledge to do the work.

Recitals Quarterly recitals will be given, in which the pupils in these lines of work will be required to perform. Class recitals monthly. Nothing is so helpful in giving students full control of their powers as these. Public appreciation and good results may be expected from them.

Terms

Piano, one lesson a week, per term	$ 6.00
Piano, two lessons a week, per term	10.00
Voice, one half-hour lesson a week, per term	6.00
Voice, two half-hour lessons a week, per term	10.00
Chorus, two lessons a week, classes of ten, per term	2.00

No deduction for lessons missed except in case of illness, and then only when lessons cannot be made up.

ART.

MISS REABURN.

The aim of the Art Department is to give thorough instruction in drawing and the different branches of painting. The importance of an education in art in connection with other studies has long since been realized in the most prominent schools. Therefore a complete course of instruction in Drawing, Painting, Composition and History of Art will be given to those who wish to make a special study of art. The preferences of those who wish to copy the work of others will also be regarded.

A studio has been provided on the second floor of the main building, where students of the regular departments may secure such instruction and may occupy their vacant periods in work without interfering seriously with their regular studies.

An annual exhibition of the work done in the studio during the year will be held during Commencement week.

COURSE OF STUDY.

I. OUTLINE DRAWING, from geometrical solids and objects. Drawing from still-life. Study of light and shade.

II. DRAWING from casts. PAINTING in oil and water color from selected studies.

III. COMPOSITION. PAINTING from still-life. Out-door sketching.

IV. DECORATIVE DESIGNING. CHINA PAINTING.

V. HISTORY OF ART.

Terms Two lessons a week, three hours each, in any of the above courses, per term,.....$10.00

Single lessons..... .50

ELOCUTION.

MISS HALEY.

It is the aim of this department to teach Oratory as an art, to make natural readers, for the development of delivery in all forms of expression. The great end is to develop the entire man; then to teach him to convey his thoughts, feelings and convictions to others.

A strong personality, a cultured and noble manhood, either on or off the platform, is infinitely superior to any tricks of gesture or of voice. The general scope of instruction is suggested as follows: "Not imitation, but creation, is the aim."

Individuality The individuality of the pupil is of the first importance. The orator is educated, not by fashioning him after a certain model, but by quickening and developing the intellectual faculties, cultivating the imagination, then leaving him free to express his thoughts or emotions; hence the pupil is not the imitator of the teacher.

Voice Culture Such exercises are given as tend to develop, strengthen, clear and free the voice from impurities. It is the office of the voice to report the thoughts, feelings and personality of the speaker. Under this head come clearness of enunciation, animation of voice, etc.

Gesture Gesture, response to the mental concept; bearing, dramatic attitudes, gestures and mannerisms as indices of character. We aim to cultivate the whole physical being that it may respond to and express every purpose and emotion of the soul.

Terms One lesson a week (private), per term.....$7.00
Classes of three, two lessons a week, per term..... 5.00

No reduction for lessons missed except in case of illness, and then only when lessons cannot be made up.

DOMESTIC SCIENCE.

MISS GRAU.

The purpose of this department is to develop an interest and appreciation for home-life by combining with the courses offered to young women something along the line of scientific application, in this way hoping to bring before students in a practical and scientific manner matters which bear upon family and communal life. That

women need special training as much as men is evident, and it is to give opportunity for such training that Domestic Science is offered in connection with the college courses.

The following courses are offered:

I. FOOD PRESERVATION. Weekly one-hour lectures and four-hour laboratory periods in canning, preserving and jellying, during four weeks of the fall term. Tuition for the course, $2.00; materials, $1.00.

II. LAUNDRY WORK. Weekly one-hour lectures and four-hour laboratory periods in demonstration of laundry methods. Tuition for the course of eight weeks during the fall term, $2.00.

III. GENERAL COOKERY. Weekly one-hour lectures and four-hour laboratory periods on food principles and practice work in preparation of foods. Designed primarily for such students as desire to specialize in this branch of science. To the pursuance of the above course a thorough knowledge of chemistry is a requisite. Through the winter term. Tuition, $2.00; materials, $3.00.

IV. GENERAL COOKERY (continued). This course is similar to course III and continues through the spring term.

V. HOUSEKEEPER'S COURSE. This course is designed for the benefit of such young women as do not desire a more extensive one. Pupils may enter at any time. Afternoon and evening classes will be formed. Twelve weekly one-hour lectures and twelve three-hour laboratory periods in general cookery. Tuition, $2.00; materials, $2.00.

VI. SERVANT GIRLS' TRAINING CLASS. During the fall term a class will be formed for servants who desire special training in cookery. Twelve lessons. Tuition, $1.00; materials, $1.00.

There are no additional expenses for text-books. Simple and inexpensive uniforms are required for the laboratory work. An outline of the lessons in any course will be furnished on application.

BUSINESS COURSES.

MISS SEBREE AND MR. FOLTZ.

For such students as may desire to carry, along with their literary studies, branches which will fit them for commercial pursuits, arrangements have been made for instruction in stenography, type-writing, penmanship and book-keeping. The instructors are practical and experienced workmen in the several lines, and can fit the diligent student to undertake the duties of the ordinary office. The Ben Pitman system of stenography has been taught during the past year, and the Smith Premier type-writer is in use for practice and instruction. A fee of $8.00 is charged for a course of twenty lessons of one hour each; for single lessons or less than the course, the fee will be at the rate of fifty cents a lesson. The course on the type-writer includes ten lessons, for which charges are made at the same rate, viz., $4.00 for ten lessons, with charges of fifty cents a lesson for less than the course. For the use of the type-writer in practice, one hour a day, the fee will be $2.00 a month. Tuition in penmanship and book-keeping will be $3.00 a term for five lessons a week.

PHYSICAL CULTURE.

MISS HALEY.

"A sound mind in a sound body is our aim," and to this end a proper emphasis has been placed upon regular and appropriate exercise by the equipment of a gymnasium and the employment of teachers of young men's and young women's classes. The work embraces exercises from the Ling, or Swedish system, the Emerson system, and regular gymnasium work with apparatus. No young man or young woman can afford to do without this training, as it not only strengthens and develops the entire body, but adds grace to every movement, and is essential to the health of all who leave an active for a sedentary life. Inasmuch as it is designed to add to the facilities of the institution in physical culture during the next year and to modify somewhat the regulations of this department, terms for instruction will not be announced until the opening of the fall term. The reader is requested to notice further statements regarding athletics on another page.

GRADUATE COURSES.

The College gives opportunity to its own graduates and others to do graduate work. Under the direction of the Faculty, courses of study have been outlined leading to the degrees of A. M. and M. S.

At present the College does not undertake to give class-room instruction in the subjects leading to advanced degrees. It offers to direct the study of the applicant, to conduct the examinations, and to confer the appropriate degrees upon such as complete creditably the prescribed course and submit an approved thesis.

The time for the completing of the various courses is not limited, but the candidate will be required to make stated reports of his progress, and is expected to pursue sustained and systematic study. Final examinations must in all cases be conducted at the College. Others may be arranged for elsewhere at the expense of the candidate.

The fees charged are: For matriculation, $5; examination, $10; diploma, $5.

For further information address the President.

STUDENTS.

NON-RESIDENT GRADUATE.

Rev. J. Kent Rizer, A. B., - - - Canon City, Colo
English and History.

SPECIAL GRADUATE.

Mrs. Mary L. Newcomer, A. B., - - - Carthage
German.

Ida J. Helfrich, B. L., - - - - Carthage
Italian,

COLLEGE.

SENIOR CLASS.

Crotzer, Mary E.	S	Lena
Cutler, Clyde	S	Carthage
Fonken, George H.	C	Forreston
Matthis, Ben L.	C	Davenport, Neb
Mayor, Elizabeth T.	C	Carthage
Noyes, Helen Miller	S	Carthage

JUNIOR CLASS.

Culkin, John, Jr.	C	Carthage
Ferris, Helen	S	Carthage
Isham, A. Earl	C	Cedar Rapids, Iowa
Krape, Katherine	Irr.	Lena
McAnulty, Ethel Electa	S	Carthage
McCallister, John H.	C	Bentley
McMahan, Merle	S	Carthage
Proctor, Margaret	C	Carthage
Steenks, Leonard J.	C	Springfield
Walter, George Earl	C	Fairview
Webb, Blanche	S	Nauvoo

SOPHOMORE CLASS.

Baird, Agnes	Irr.	Carthage
Crotzer, Adah	S	Lena

Cutler, Carolyn	S	Carthage
Davis, Harriet R.	S	Carthage
Finkenbinder, Elmer	S	Kent
Johnson, Clyde	S	St. Marys
Johnson, Frederick A.	C	Hamilton
Sifferd, Mary M.	Irr.	Carthage
Sifferd, William	S	Carthage
McCollom, Carrie M.	S	Carthage
Shippert, John P.	C	Nachusa
Williams, Waldo	S	Ft. Stockton, Tex

FRESHMAN CLASS.

Bell, Eugenia	C	Warsaw
Fletcher, Lessie Clara	S	Carthage
Grau, George L.	Irr.	Lucas, Ohio
Listmann, Cora	Irr.	Beardstown
Noble, Bessie E.	S	Carthage
Rosenstengel, Marie	S	Pittsfield
Helfrich, Guy J.	S	Carthage

NOTE.—Courses indicated as follows: Classical, C; Scientific, S; Irregular, Irr.

THE ACADEMY.

FOURTH YEAR.

Barr, Tressler	Fountain Green
Dillow, Claud	Dongola
Garnett, Percie	St. Marys
Main, Eugene	Carthage
Schmuck, Charles	Peoria
Webb, William	Nauvoo
Williams, Ermine	Ft. Stockton, Tex

THIRD YEAR.

Chapman, Hurst	Elvaston
Chapman, Irene	Elvaston
Clark, Iva	Denver
Harter, Ruby L.	Denver
Huston, Lawrence	Fountain Green

Kirkpatrick, Edward	Carthage
McCormick, Alden	Plymouth
Runyon, Claud	Elvaston
Runyon, Roy	Elvaston
Sifferd, Calvin	Carthage
Thompson, Deena	Denver
Thompson, Ertie	Denver
Todd, Bertha	Carthage
Vogt, Harry	Davenport, Iowa
Weiser, Hazel	Carthage

SECOND YEAR.

Botts, Lee	Plymouth
Casburn, Leslie A.	Ferris
Culkin, Stella	Carthage
Cunningham, Earl	Carthage
Davidson, Myrtle	Basco
Ervin, Bruce	Carthage
Foltz, Clinton G.	Colchester
Garnett, Robert	St. Marys
Graham, Arthur	Denver
Graham, Harry	Denver
Harris, Lizzie	Carthage
Heitman, Alfred	Bremen
Helfrich, Noel	Carthage
Kauffman, Lizzie	Nauvoo
Lantzer, Mable	Kent
McMillan, Warren	Denver
Massie, Gurney	Denver
Miller, Estella	Elvaston
Palmer, Levering	Carthage
Stevenson, Carrie	Adrian
Tegtmeyer, Louis	Bremen
Thomas, Yetta	Elvaston
Todd, Walter	Carthage
Tyler, Chester	Fountain Green
Walton, Etta	Denver
White, Fred	Plymouth

FIRST YEAR.

Carroll, Emma	Carthage
Cherrill, James	Carthage
Fisher, Jennie	Basco
Hubbard, Rilla	Colusa
Meier, Ella	Meredosia
Strieby, Jessie	Adrian

NORMAL DEPARTMENT.

Berkland, Oscar	Canton, S. D
Carroll, Emma	Carthage
Cunningham, Earl	Carthage
Cherrill, James	Carthage
Davidson, Myrtle	Basco
Fisher, Jennie	Basco
Graham, Arthur	Denver
Graham Harry	Denver
Harris, Lizzie	Carthage
Hubbard, Rilla	Colusa
Heitman, Alfred	Bremen
Kauffman, Lizzie	Nauvoo
Meier, Ella	Meredosia
Massie, Gurney	Denver
McMillan, Warren	Denver
Steckle, Grace	Carthage
Strieby, Jessie	Adrian
Stevenson, Carrie	Adrian
Weiser, Hazel	Carthage
White, Fred	St. Marys

SUMMER NORMAL STUDENTS.

Adams, Harriet	Basco
Ayers, Lulu	Carthage
Atkins, Myrtle	Ferris
Bailey, Lillian	Ferris
Bacon, Genia	Augusta

Black, F. L. - - - - - - Plymouth
Botts, Clarence - - - - - - Plymouth
Buckley, Jessie - - - - - - LaHarpe
Bowker, Inez - - - - - Dallas City
Cutler, Carolyn - - - - - - Carthage
Cunningham, Joseph - - - - Carthage
Cherry, Ed. W. - - - - - - Carthage
Cole, Emo - - - - - - Keokuk, Iowa
Cambre, Clara - - - - - - Nauvoo
Dorothy, Adalaide - - - - - - LaCrosse
Durand, Blanche - - - - - Hamilton
Darham, Mary - - - - - - Carthage
Davis, Harriet R. - - - - - Carthage
Elder, Ethel - - - - Elderville
Fundenberger, Nellie - - - - Blandinsville
Gould, John H. - - - - St. Marys
Gault, Leora - - - - - - Carthage
Grindle, Mary - - - - - - Ferris
Golden, Arvilla - - - - - - Nauvoo
Grote, Edith - - - - - - - Basco
Grove, Emma - - - - - Plymouth
Harris, Claudia - - - - - - Carthage
Harris, Lizzie - - - - - Carthage
Harter, Frank - - - - - - Denver
Harter, H. T. - - - - - - Denver
Hughes, Myrtle - - - - - Denver
Huston, Elsie - - - - - - Carthage
Hunter, Ada - - - - - - Burnside
Johnson, Dolly - - - - - - LaHarpe
Lane, Jessie - - - - - - Hamilton
Latherow, Jennie - - - - - Fountain Green
Law, Jessie - - - - - - - Carthage
LeMaire, Marie - - - - - - - Basco
Lionberger, Fay - - - - - LaCrosse
Merritt, Clara - - - - - - Carthage
Main, Lulu - - - - - - Carthage
Marshall, Lida - - - - - - Elvaston
Mourning, Kate - - - - - - Augusta

Miller, Clara	LaHarpe
McCune, Lillian	Hickory Ridge
McNally, Agnes	Carthage
Miller, Evalena	Disco
McCollom, Carrie	Carthage
McKay, Lillie	Basco
Maguet, Lewis	Bowen
McCollough, Mable	Carthage
Neff, Pearl	West Point
Noble, Bessie E.	Carthage
Pennock, Emily	Carthage
Poling, M. L.	Hamilton
Reu, Fritz	Burnside
Rich, Mae	LaCross
Radel, Minnie	Powellton
Salisbury, Grace	Carthage
Schulz, E. H.	Plymouth
Simmons, Nora	Fountain Green
Stinson, Emma	Stillwell
Stucker, Etta	Adrian
Scanlan, Kate	LaHarpe
Stark, Mable	Augusta
Stidum, Roy	Burnside
Sutton, Lizzie	Bowen
Sparks, Hugh	West Point
Smith, Ethel	Hamilton
Shepherd, Robt.	Hamilton
Scott, Will	Ferris
Stevenson, Carrie	Adrian
Thompson, Gertrude	Burnside
Towels, Inez	Carthage
Wilkins, Katherine	Niota
Wilkins, Winifred	Niota
Wilson, Laura	Ferris
Ward, Bessie	Ferris
White, Edith	Carthage
Yarnell, Henry	Bowen
Yoe, Fernando	Tioga

MUSIC STUDENTS.

Ayling, Gilbert H. - - - - - Carthage
Bell, Eugenia - - - - - - Warsaw
Cutler, Carolyn - - - - - Carthage
Fonken, George H. - - - - - Forreston
Garard, C. Arthur - - - - - Carthage
Garard, Mrs. Bertha - - - - - Carthage
Grau, Maude E. - - - - - Lucas, Ohio
Grove, Stella - - - - - - Carthage
Heitman, Alfred - - - - - Bremen
Helfrich, Mabel - - - - - - Carthage
Hubbard, Rilla - - - - - - Colusa
Isham, A. Earl - - - - - Cedar Rapids, Ia
Listmann, Cora - - - - - Beardstown
McMechan, Mary - - - - - Carthage
McMillan, Warren - - - - - Denver
Rosenstengel, Marie - - - - - Pittsfield
Rucker, Mary - - - - Carthage
Sigmund, Mrs. Ella Ray - - - - - Carthage
Salisbury, Grace - - - - - Carthage
Sifferd, Mary M. - - - - - - Carthage
Stevenson, Carrie - - - - - Adrian
Tegtmeyer, Louis - - - - - Bremen
Todd, Mildred - - - - - Carthage
Vogt, Harry - - - - - Davenport, Ia
Webb, Blanche - - - - - Nauvoo
Williams, Waldo - - - - - Ft. Stockton, Tex

ART STUDENTS.

Bell, Eugenia - - - - - - Warsaw
Berkland, Oscar - - - - - Canton, S. D
Carroll, Emma - - - - - - Carthage
Gault, Leora - - - - - Carthage
Haley, Mary A. - - - - Camp Point
Helfrich, Guy J. - - - - - Carthage
Krape, Katherine - - - - - Lena
McMillan, Warren - - - - - Denver
Sifferd, Lillian - - - - - Carthage

Todd, Bertha	Carthage
Vogt, Harry	Davenport, Ia
Williams, Ermine	Ft. Stockton, Tex
Williams, Waldo	Ft. Stockton, Tex

ELOCUTION STUDENTS.

Byington, Nellie	Carthage
Chapman, Irene	Elvaston
Dixon, Roy	Shelby, Ohio
Finkenbinder, Elmer	Kent
Graham, Harry	Denver
Grau, George L.	Lucas, Ohio
Isham, A. Earl	Cedar Rapids, Ia
Johnson, Clyde	St. Marys
Jones, Katherine	Tiro, Ohio
Listmann, Cora	Beardstown
McClane, Frankie	Carthage
McMillan, Warren	Denver
Tegtmeyer, Louis	Bermen
Vogt, Harry	Davenport, Ia

DOMESTIC SCIENCE STUDENTS.

Baker, Sarah	Carthage
Chapman, Irene	Elvaston
Crotzer, Adah	Lena
Griffith, Ethlyn	Carthage
Hubbard, Rilla	Colusa
Jones, Katherine	Tiro, Ohio
Krape, Katherine	Lena
Listmann, Cora	Beardstown
Marvel, Philena	Carthage
McAnulty, Ethel	Carthage
Mason, Mrs. Helen	Carthage
Newcomer, Mrs. Mary L.	Carthage
Powell, Effie	Denver
Reaburn, Nelle M.	Denver
Rosenstengel, Marie	Pittsfield
Sifferd, Mary M.	Carthage
Shepherd, Nina	Carthage

Sigmund, Mrs. Ella Ray	Carthage
Webb, Blanche	Nauvoo
Williams, Ermine	Ft. Stockton, Tex

BUSINESS STUDENTS.

Berkland, Oscar	Canton, S. D.
Bolton, Eugene	Carthage
Califf, Paul	Carthage
Camp, Blanch	Carthage
Clark, Cliff	Denver
Dorothy, Nellie	Carthage
Duncan, Nellie	Carthage
Ervin, Rena	Carthage
Heitman, Alfred	Bremen
Markel, Holly A.	Carthage
Palmer, Levering	Carthage
Simmons, Grover	Fountain Green
Steckle, Grace	Carthage

PHYSICAL CULTURE.

Baird, Agnes	Carthage
Crotzer, Adah	Lena
Cutler, Carolyn	Carthage
Davidson, Myrtle	Basco
Davis, Harriet R.	Carthage
Ferris, Helen	Carthage
Fisher, Jennie	Basco
Garard, Mrs. Bertha	Carthage
Harter, Ruby L.	Denver
Helfrich, Mabel	Carthage
Lantzer, Mabel	Kent
McCollom, Carrie M.	Carthage
McMahan, Merle	Carthage
Mayor, Elizabeth T.	Carthage
Rosenstengel, Marie	Pittsfield
Sifferd, Mary M.	Carthage
Thompson, Ertie	Denver
Webb, Blanche	Nauvoo

SUMMARY.

GRADUATE STUDENTS,		3
THE COLLEGE:		
SENIORS,	6	
JUNIORS,	11	
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THE ACADEMY:		
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ART,	13	
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DOMESTIC SCIENCE,	20	
BUSINESS,	13	
PHYSICAL CULTURE,	18	104
		298
NAMES REPEATED,		96
TOTAL,		202

ALUMNI ET ALUMNÆ.

‡OFFICERS OF THE ASSOCIATION.

PRESIDENT	DR. R. L. CASBURN, '80
FIRST VICE-PRESIDENT	MARY C. NOYES, '97
SECOND VICE-PRESIDENT	LEONA M. MCANULTY, '96
THIRD VICE-PRESIDENT	MARY TRESSLER NEWCOMER, '87
SECRETARY	JULIA FERRIS HUBBS, '84
TREASURER	S. H. FERRIS, '82
BIOGRAPHER	P. E. MASON, '94
ORATOR	HON. SCOTT M. LADD, '79
EDITOR	EMILY PENNOCK, '00

1875

Ida Harris King, A. M.	Prescott, Iowa
Maggie Taylor Bowers, A. M.	Boise City, Idaho
Kate Thummel Fisher, M. S.	Prairieville
James M. Cromer, A. M., minister	Kansas City, Mo

1876

*Hon. George A. Anderson, A. M.	
Charles L. Ferris, A. M., physician	Carthage
T. J. Scofield, A. M., attorney for Union Traction Co.	Chicago
Ina Elder, A. M., teacher	Carthage
Sophronia Nesbit, A. M., teacher, Speelman College	Atlanta, Ga
Hattie Scofield Cromer, A. M.	Kansas City, Mo
Rose Spitler Scofield, A. M.	Carthage
*Grace Cherrill, B. S.	
Ben L. Cress, M. S., civil engineer	Boulder, Col
J. M. Dempster Davidson, A. M., minister	Chicago
Oscar M. Easterday, M. S., farmer	Roca, Neb

*Deceased.

‡The Faculty and Officers of the Association desire to have the correct address of each graduate. It will be deemed a favor if the President of the college and Secretary of the Association be informed of errors and changes in address.

Joseph C. Elder, M. S. - - - Carthage
J. Q. A. Kimmel, M. S., LL. B., attorney at law Murphysboro
Judge A. A. Wolfersperger, M. S., attorney at law - Sterling

1877

Laura A. Manier, A. M., teacher of instrumental music, Carthage
*George H. Albright, A. M. - - -
Rev. James E. Weir, A. M., college president Del Norte, Col
J. J. Williams, A. M., attorney at law - Kansas City, Mo
*Addie Logan Ray, A. M. - - -
Julia Scofield McKemey, A. M. - - Fairfield, Iowa
Jennie Fletcher, M. S., former missionary at Ponape Carthage
Mary Hawley Findley, M. S. - - Wichita, Kan
Emma Sample Freeman, M. S. - - Red Bluff, Cal

1878

L. P. Cravens, A. M., snperintendent of schools Lake City, Minn
Charles S. DeHart, A. M., - - - Carthage
John F. Fair, A. M., physician - - - Freeport
Junius Colton Ferris, A. M., M. E., banker - Carthage
William G. Gettle, A. M., minister - - Steinauer, Neb
E. Clark Hughes, A. M., attorney at law - Seattle, Wash
J. Frank Keefer, A. M., physician - - - Sterling
George W. Loop, A. M., farmer - - Huntsville
Maggie Cravens, A. M. - - - - Carthage
Emma J. Cromer Ladd, A. M. - - -
Charles M. McMillan, A. M., farmer - - Denver
M. G. Rohrbaugh, M. S., teacher - - Omaha, Neb

1879

*Peter Ewald, A. M. - - - -
W. G. W. Geiger, A. M., attorney at law - Tipton, Iowa
Frank H. Helsell, A. M., circuit judge - Sioux Rapids, Iowa
Albert B. Shrader, A. M., minister - Lawrence, Kan
H. M. Swope, A. M., attorney at law - - Quincy
Rev. Caroline Bartlett Crane, A. M. - - Chicago
*Flora Manier Geiger, A. M. - - -
Nellie Nesbit Hunn, A. M. - - Des Moines, Iowa

Wm. H. Weaver, M. S., physician - Austin Sta., Chicago
Hon. Scott M. Ladd, M. S., LL. D., Judge Sup. Court, Des Moines, Ia.
Fernando Sanford, M. S., Head Professor of Physics in
Leland Stanford, Jr. University - Palo Alto, Cal
Alice E. Crawford Sanford, M. S. - Palo Alto, Cal
Hattie L. Tillapaugh Shrader, M. S. - Lawrence, Kan
Mary V. Thompson, M. S., teacher - - Carthage

1880

Stephen K. Bittenbender, A. B. - - Ponca, Neb
W. D. Henkle, A. B., journalist - - - Anna
Herman Juilfs, A. M., minister - White Oak, Ohio
Andrew S. Zimmerman, A. M., minister - Lansing, Mich
Emma DeHart Hughes, A. M. - - Seattle, Wash
Frank M. Campbell, M. S., physician - Claflins, Kan
Robert L. Casburn, M. S., physician - - Carthage
Joseph G. Gilchrist, M. S., civil engineer - Brookfield, Mo
Minnie Gilchrist Wood, M. S. - - Albany, N. Y
M. Blanche Griffin McArthur, M. S. - - Hamilton
M. Inez Robbins Bickford, M. S. - - Plymouth

1881

Wm. F. Ebright, A. M., farmer - North Platte, Neb
Jos. H. Miller, A. M., physician - - Surprise, Neb
R. D. Zimbeck, A. M., physician - Montevideo, Minn
*Clifford C. Musser, A. B. - -
Will O. Carleton, B. S., bookkeeper - Cambria, Wyoming
Frank C. Harris, B. S., traveling salesman - Chicago
Edgar F. Hurdle, B. S., farmer - Wheatland, Wyoming
Josiah Kuhn, B. S., minister - - - De Soto
*W. P. Overman, B. S. - -
John K. Reed, B. S., minister - - Evanston
Walter Vanzile, B. S., farmer - - Carthage
Adell Griffin Barnett, B. S. - - Kansas City, Mo
Mary Overman Damrell, B. S. - - Hastings, Neb

1882

Oscar E. Aleshire, A. M., insurance agent - Chicago

Stephen H. Ferris, A. M., banker - - Carthage
A. C. T. Geiger, A. M., district judge - Oberlin, Kan
Frank Wertz, A. M., attorney at law - - Forreston
George H. Schnur, minister - - Chillicothe, Ohio
Kate Griffith Hill, A. M. - - - Carthage
*Francisca Hopp Geiger, A. M. - - -
*Wm. V. Weir, B. S., M. D. - - -
Florence J. Mereness Tressler, M. S. - Shelbyville, Ind
Susan Williams, M. S. - - - Carthage
David E. Mack, A. M., attorney at law - - Carthage

1883

W. Henry Blancke, A. B., minister - Davenport, Iowa
Fannie M. Dryden, A. M., - Kenwood, Albany, N. Y.
Edwin S. Hoffman, A. B., minister - Hornellsville, N. Y.
*Mamie Hooker Daoust, A. B. - - -
Adam Schafer, A. B., minister - - - Weston, Ohio
Henry A. Spielman, A. B., hardware merchant Fairfield, Iowa
Jessie Williams, A. M., stenographer - - Chicago
Lillie Zimmerman Schafer, A. B. - - Weston, Ohio
Noah Fritz, A. B., manufacturer - - Onida, S. D
D. Alban Kistler, B. S., publisher - - Chicago
Alice Biery Miller, B. S. - - - - Dixon

1884

Olive Hosford Fleck, A. B. - - - Sterling
Lura V. Thompson, A. M., national organizer C. W. B. M. Carthage
Roberta Brewer Risse, B. S. - - - Carthage
Julia Ferris Hubbs, B. S. - - - - Carthage
Mattie Gray, B. S. - - - - Elderville

1885

Clara Browning Johnson, A. B. - - Keokuk, Iowa
Minerva Holland, A. B. - - - Carthage
*W. J. Martin, A. M. - - - -
Ralph E. Scofield, A. B., attorney at law Kansas City Mo
A. L. Miller, B. S., physician - - - Dixon
J. E. Williams, A. B., merchant - - LaHarpe

1886

Edwin Bollman, A. B., minister - . Wilber, Neb
Sarah L. Hyde Mensel, A. B. - - - Northampton, Mass
C. B. Lindtwed, A. B., minister - Bridgewater, Nova Scotia
Elizabeth Nace Holtgreve, A. B. - - - Polo

1887

Paul B. Holtgreve, A. B., minister - - - Polo
John N. Hyde, A. B., missionary Ferozepore, Punjab, India
Julia Kellogg Goldwater, A. B. - - Prescott, Ari
*Sallie Manier, A. B. - - -
Laura McColm Dysinger, A. B. - - Logansport, Ind
Rev. E. H. Mensel, A. M., Ph. D., Professor of Germanic Languages and Literatures, Smith College Northampton, Mass
Wm. H. Naffziger, A. B., minister - Smithville, Ohio
Mary Tressler Newcomer, A. B. - - Carthage
Abbie Kuhl Rizer, B. S. - - Canon City, Col

1888

Hugh M. Bannen, A. M., minister - - Rockford
Albert F. Ernst, A. M., minister - - Galena
Fred W. Hawley, A. M., synodical missionary Oklahoma City, O. T
Albert Miller, A. B., missionary - Paotingfu, China
Harry H. Whitten, A. B., physician - - Peoria

1889

W. S. Dysinger, A. B., minister - - Logansport, Ind
C. B. Newcomer, A. M., Principal Normal Department Carthage
Bess A. Tressler Maloney, A. B. - - Polo

1890

Belle Bolton, B. S., teacher - - Colfax, Iowa
J. L. Mishler, B. S., teacher - - Colfax, Iowa
L. J. Motschman, A. B., minister - - Ft. Wayne, Ind

1891

Cleophas C. O'Harra, Ph. D., Professor of Geology, State School of Mines - - Rapid City, S. Dak

1892

C. B. Bekemeyer, attorney at law - - Mt. Pulaski
H. C. Funk, A.B., minister - - - Oregon
Mrs. Lillian Monk, B. L. - - Nevada, Iowa
R. W. Saer, A. B., merchant - - Carthage

1893

Mollie Marvel O'Harra, B. S. - Rapid City, S. Dak

1894

Will M. Beck, A. B., missionary Muhlenberg, Liberia, Africa
Nellie Cherrill Merrill, B. L. - - - Chicago
George C. Cromer, A. B., minister - - Freeport
Maggie Delo, B. S., teacher - - Enid, O. T
Joseph Hegener, A. B., minister - Colorado Springs, Col
Herbert L. Jackson, A. M., attorney at law - Dallas City
Penfield E. Mason, A. M., Edwards Headlight Co. - Chicago

1895

E. K. Cherrill, A. B., bank clerk - - Carthage
T. Edwin Gill, B. S., merchant - - - Carthage
*J. Louis Nace, A. B. - - -
C. W. Ramsey, B. S., teacher - - Dallas City
J. Kent Rizer, A. B., minister - Canon City, Col
Eddy Robbins, B. S. - - - El Paso, Tex
Annie E. Sanford, A. B., missionary - - Guntur, India
O. B. Turner, A. B., teacher - - - St. Marys

1896

Effie Cromer Nelson, B. S. - - Hartington, Neb
M. Isabel Felgar Wilson, B. S. - - - Niota
Leona May McAnulty, B. S., teacher - - Dallas City
John A. McCullough, A. B., minister - Burlington, Iowa
Mattie H. Schlenker, B. L., teacher - - Toledo, Ohio

1897

Matthew M. Anderson, B. L., law student - - Hamilton
M. Golden Davidson Williams, B. S. - - Alden, Minn

Frederick W. Jasper, B. L., jeweler - Newton, Iowa
Alice L. Marvel, B. S. - - - - Carthage
Mary C. Noyes, B. S., teacher - - - Dallas City
Samuel B. Robbins, A. B., attorney at law - El Paso, Texas

1898

*Klaudius Knudton, A. B. - - - -
Mabel Hope Martinis, B. L., clerk - - Carthage
Charles J. Tressler, A. B., attorney at law - - Chicago

1899

Royal B. Brandon, B. S., law student - - Fountain Green
Charles C. Carlton, B. S., law student, Yale University - - - - - New Haven, Conn
John M. Herbst, A. B., minister - - Effingham, Kan
Theo. J. Jensen, A. B., (German Army) Breklum, Germany
Alfred R. Kent, B. S., law student, Harvard University - - - - - Cambridge, Mass
Philena Marvel, B. L., - - - - Carthage
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1900

Roy M. Badger, A. B., theological student Atchison, Kan
James A. Baird, A. B., law student, Northwestern Univ., Evanston
Maud B. Elder, B. L. - - - - Hamilton
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F. H. Ottman, A. B., Prin. Commercial Dept., High School - - - - - Newark, Ohio
Emily C. Pennock, B. S., teacher - - - Carthage
Tilden F. Phillips, B. S., teacher - - Mt. Carroll
Bess J. Ringheim, B. S., teacher in High School Nevada, Iowa
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1901

Lucy S. Cherrill, B. S. - - -	Carthage
Ida J. Helfrich, B. L., student - -	Carthage
Harold Lee Jones, B. S., insurance agent -	Chicago
Bertha Lane, B. S. - - - -	Carthage

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